

Michael Junga

# Unterrichtsideen und Kopiervorlagen: Zerlegungsübungen mit dem Multi-Split

Nr./Art. 86211



## Hinweise

Sie können die Seiten dieses Heftes wahlweise als Kopier- oder als Laminier-  
vorlagen nutzen. Wenn Sie die Vorlagen laminieren wollen, dann trennen  
Sie sie bitte an der Mikroperforation aus dem Heft heraus und laminieren  
Sie die einzelnen Seiten in möglichst starken Laminiertaschen (Wir empfehlen  
eine Folienstärke von  $2 \times 125 \text{ mic} = 250 \text{ mic}$ , Bestellnummer bei Arnulf Betzold:  
9325). Die Schülerinnen und Schüler schreiben ihre Lösungen dann mit einem  
wasserlöslichen Stift direkt auf die Laminiertaschen. Die Selbstkontrolle geschieht  
dann durch das Umdrehen der Vorlage und dem Vergleichen der Lösungen mit  
den eigenen Ergebnissen.

## Multi-Split-Schüttelbox

Dieses Material wurde auf den unterrichtlichen Einsatz mit der Multi-Split-Schüttel-  
box abgestimmt. Die Box dient dem handelnden Umgang beim Zerlegen von Zahlen  
und stellt daher für den Mathematikunterricht des ersten Grundschuljahres ein  
besonders wichtiges didaktisches Medium dar. Die Multi-Split-Schüttelbox  
(Bestellnummer bei Arnulf Betzold: 85913) wird mit zwei Einschüben geliefert,  
bei denen sich die Kugeln entweder in zwei oder in drei Fächern verteilen können.

## Vorlagen für die Multi-Split-Schüttelbox mit Zwei-Fächer-Einsatz

Seiten 1 bis 3:	Zerlegungen der Zahlen 4, 5 und 6
Seiten 4 bis 6:	Zerlegungen der Zahlen 7, 8 und 9
Seiten 7 bis 9:	Zerlegungen der Zahl 10
Seite 10:	Zerlegungen der Zahl 9 (kombinierte Seite)
Seite 11:	Zerlegungen der Zahl 10 (kombinierte Seite)
Seite 12:	Zerlegungshäuser
Seite 24:	Ergebnisprotokoll Zahlenzerlegungen

## Vorlagen für die Multi-Split-Schüttelbox mit Drei-Fächer-Einsatz

Seiten 13 bis 15:	Zerlegungen der Zahlen 4, 5 und 6
Seiten 16 bis 18:	Zerlegungen der Zahlen 7, 8 und 9
Seiten 19 bis 21:	Zerlegungen der Zahl 10
Seite 22:	Zerlegungen der Zahl 9 (kombinierte Seite)
Seite 23:	Zerlegungen der Zahl 10 (kombinierte Seite)
Seite 25:	Ergebnisprotokoll Zahlenzerlegungen

## Rückmeldungen

Für Anregungen und Kritik sind Verlag und Autor sehr dankbar. Bitte wenden  
Sie sich per E-Mail an [michaeljunga@t-online.de](mailto:michaeljunga@t-online.de) oder schreiben Sie an  
Michael Junga, Schönebergstr. 4, 38108 Braunschweig oder rufen Sie an:  
Telefon 05309-5535.

Und jetzt wünschen wir Ihnen viel Freude beim Einsatz dieses Materials in  
Ihrem Unterricht!

Mit freundlichen Grüßen

Ihr Arnulf Betzold Verlag und Michael Junga



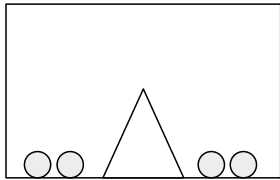
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# Zerlegungen der Zahlen 4, 5 und 6

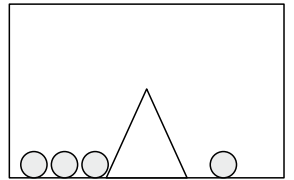
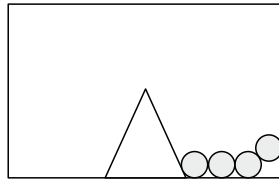
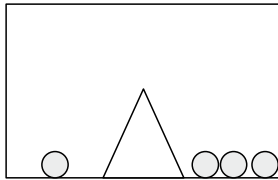
Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

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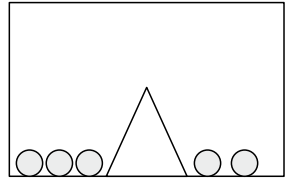
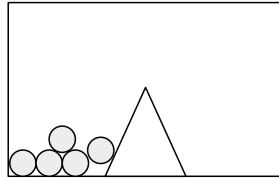
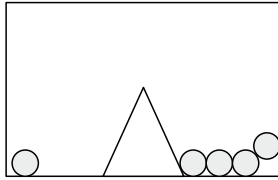
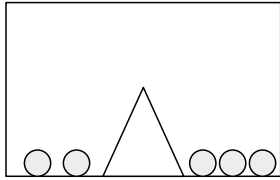


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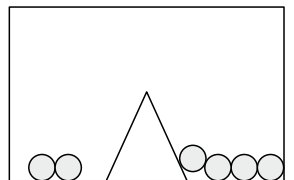
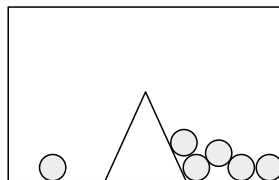
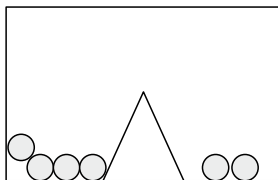
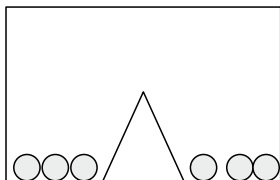
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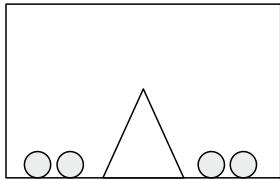
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## Zerlegungen der Zahlen 4, 5 und 6

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

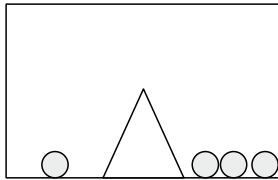
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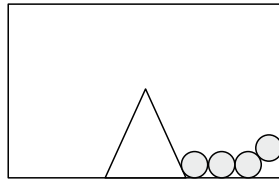
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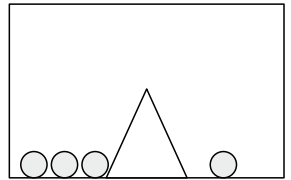
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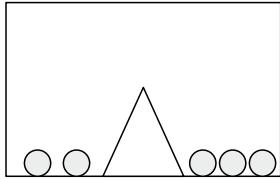


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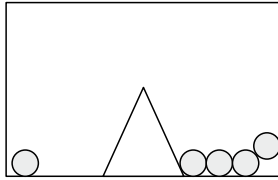
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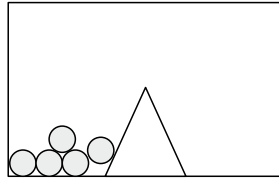
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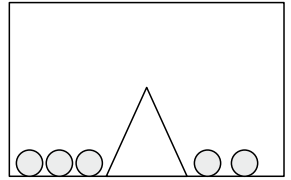
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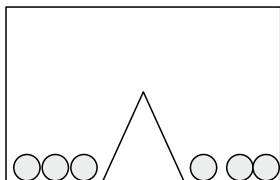


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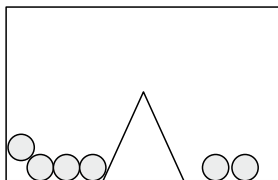
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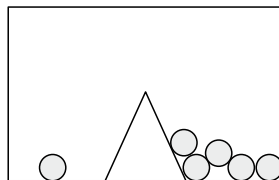
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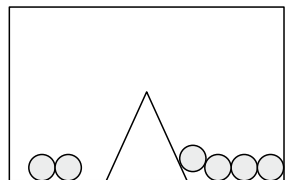
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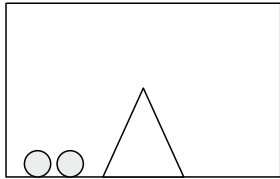
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## Zerlegungen der Zahlen 4, 5 und 6

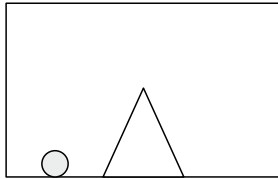
Zeichne die fehlenden Kugeln in das leere Fach der Multi-Split-Schüttelbox ein und schreibe die fehlende Zahl in das zugehörige Feld!

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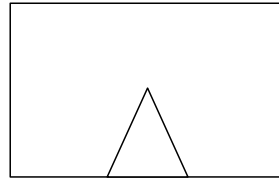
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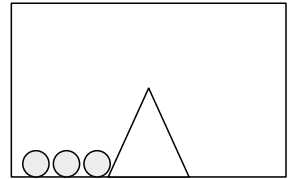
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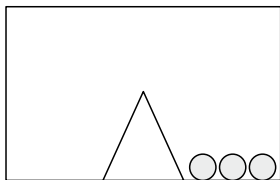


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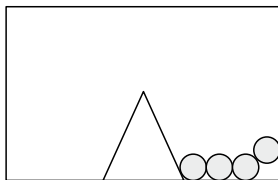


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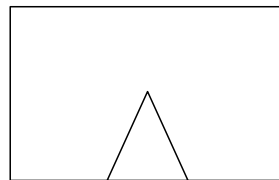
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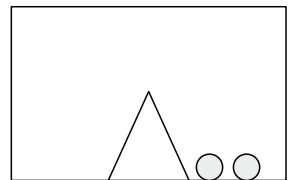
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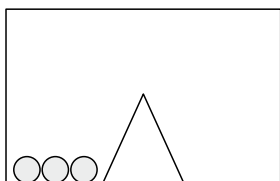
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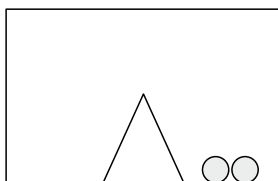
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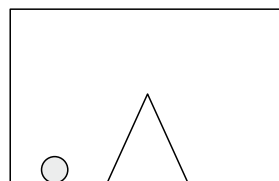
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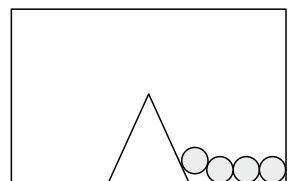
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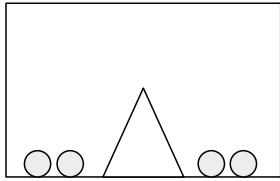
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## Zerlegungen der Zahlen 4, 5 und 6

Zeichne die fehlenden Kugeln in das leere Fach der Multi-Split-Schüttelbox ein und schreibe die fehlende Zahl in das zugehörige Feld!

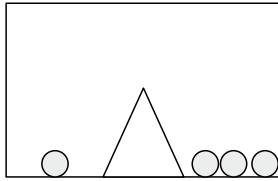
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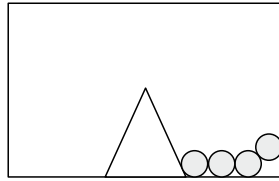
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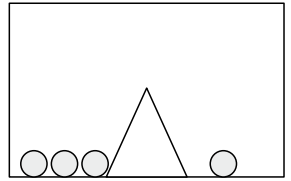
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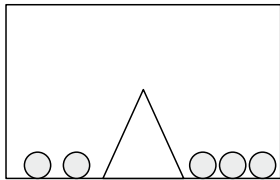


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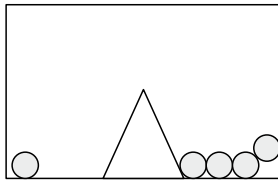
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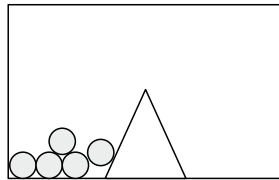
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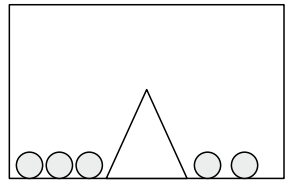
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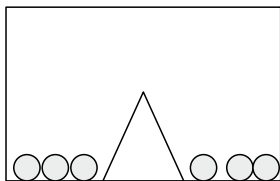


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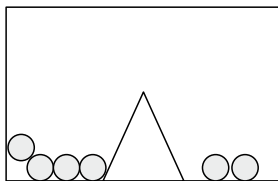
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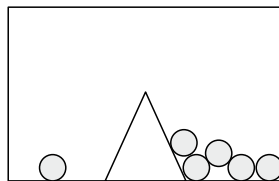
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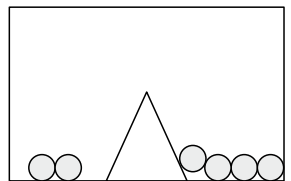
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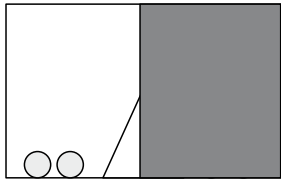
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## Zerlegungen der Zahlen 4, 5 und 6

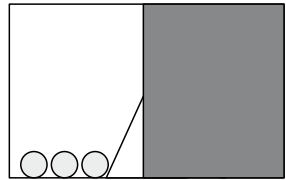
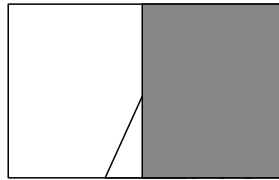
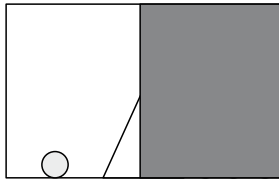
Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

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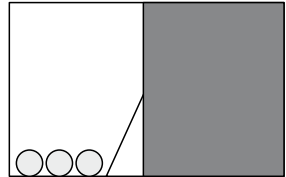
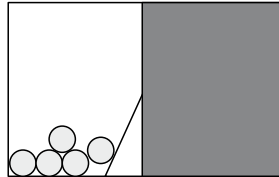
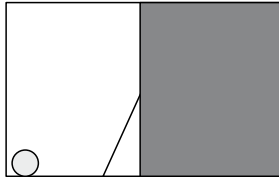
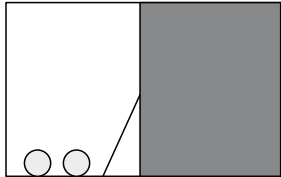


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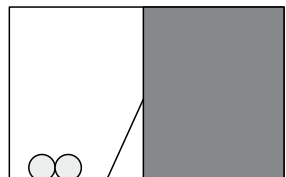
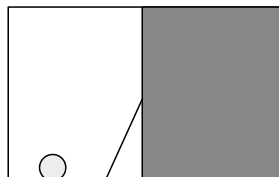
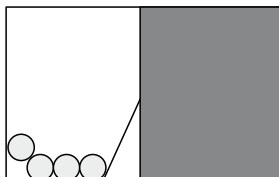
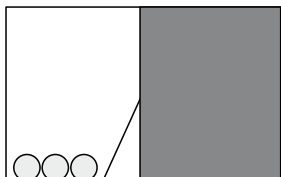
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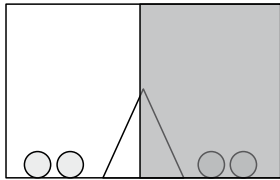
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## Zerlegungen der Zahlen 4, 5 und 6

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

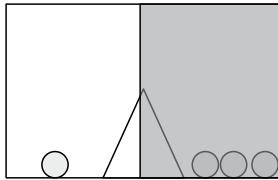
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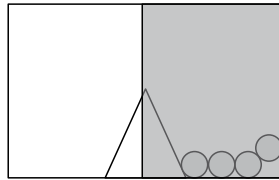
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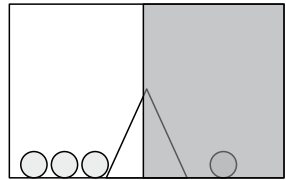
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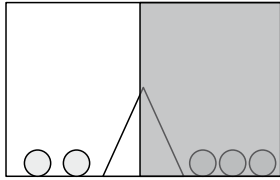


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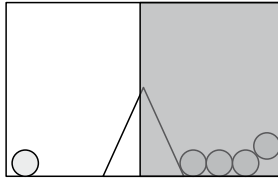
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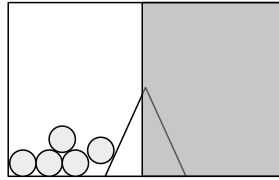
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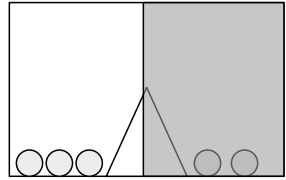
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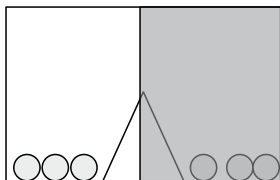


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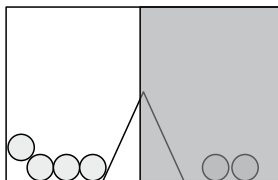
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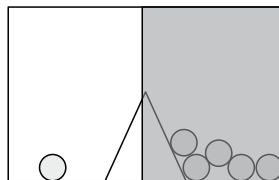
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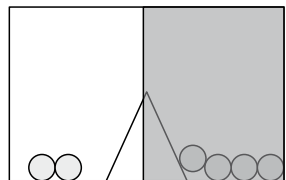
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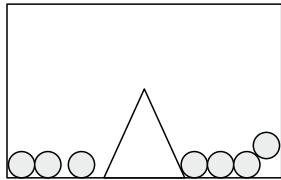
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# Zerlegungen der Zahlen 7, 8 und 9

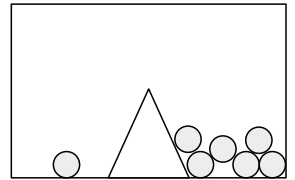
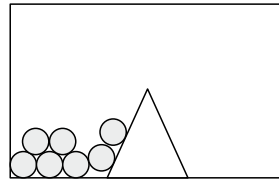
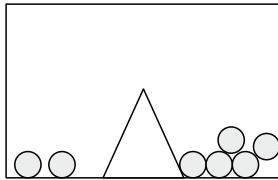
Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

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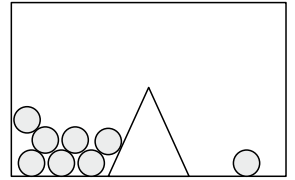
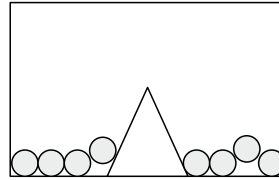
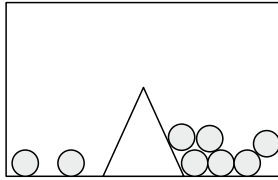
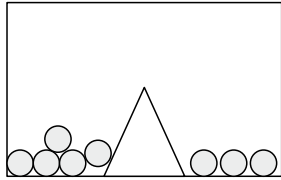


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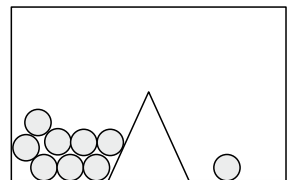
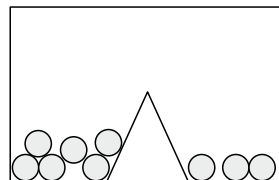
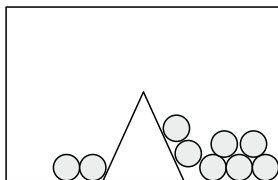
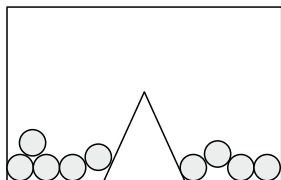
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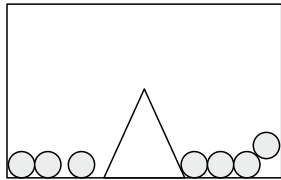
Dein Name: \_\_\_\_\_

## Zerlegungen der Zahlen 7, 8 und 9

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

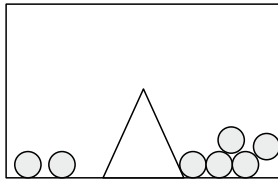
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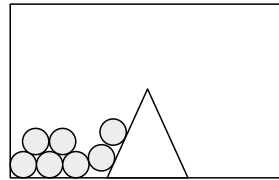
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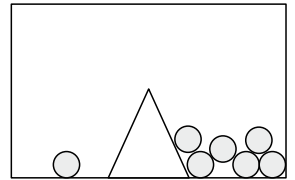
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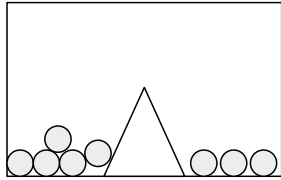


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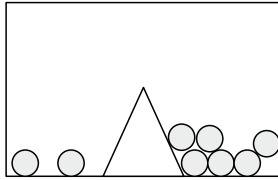
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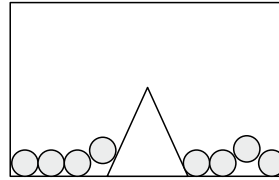
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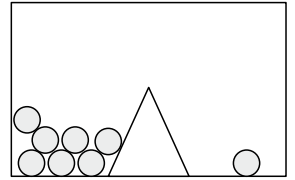
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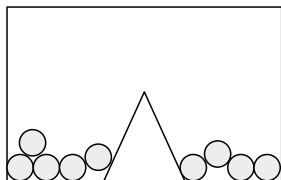


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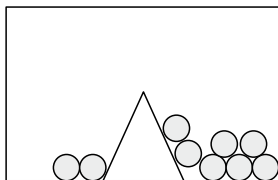
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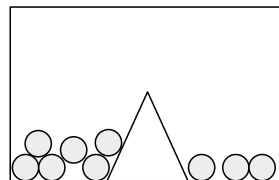
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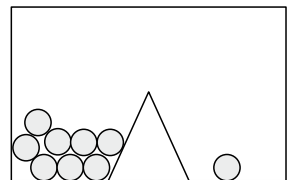
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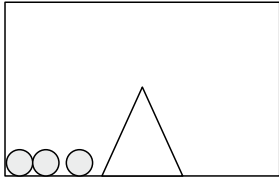
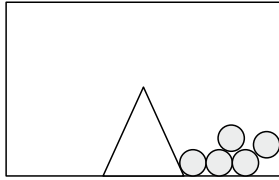
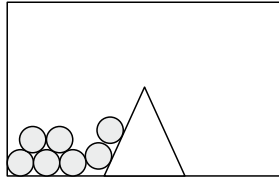
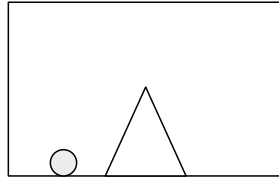


Dein Name: \_\_\_\_\_

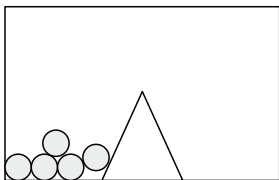
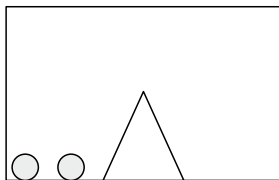
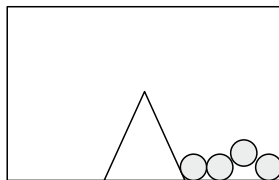
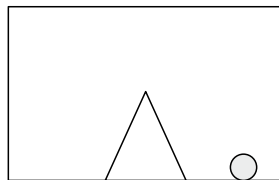
## Zerlegungen der Zahlen 7, 8 und 9

Zeichne die fehlenden Kugeln in das leere Fach der Multi-Split-Schüttelbox ein und schreibe die fehlende Zahl in das zugehörige Feld!

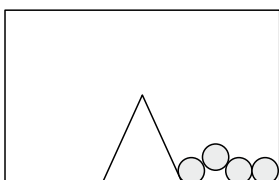
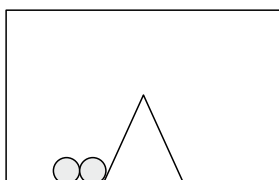
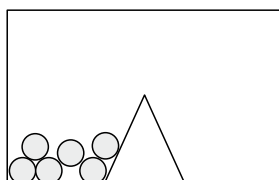
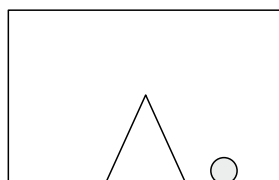
**1** 7

			
<span style="border: 1px solid black; padding: 5px;">3</span> <span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span>	<span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span> <span style="border: 1px solid black; padding: 5px;">5</span>	<span style="border: 1px solid black; padding: 5px;">7</span> <span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span>	<span style="border: 1px solid black; padding: 5px;">1</span> <span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span>

**2** 8

			
<span style="border: 1px solid black; padding: 5px;">5</span> <span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span>	<span style="border: 1px solid black; padding: 5px;">2</span> <span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span>	<span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span> <span style="border: 1px solid black; padding: 5px;">4</span>	<span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span> <span style="border: 1px solid black; padding: 5px;">1</span>

**3** 9

			
<span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span> <span style="border: 1px solid black; padding: 5px;">4</span>	<span style="border: 1px solid black; padding: 5px;">2</span> <span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span>	<span style="border: 1px solid black; padding: 5px;">6</span> <span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span>	<span style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; vertical-align: middle;"></span> <span style="border: 1px solid black; padding: 5px;">1</span>



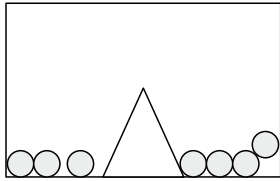
Dein Name: \_\_\_\_\_

## Zerlegungen der Zahlen 7, 8 und 9

Zeichne die fehlenden Kugeln in das leere Fach der Multi-Split-Schüttelbox ein und schreibe die fehlende Zahl in das zugehörige Feld!

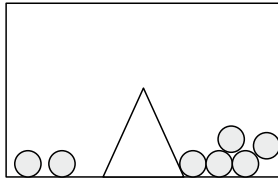
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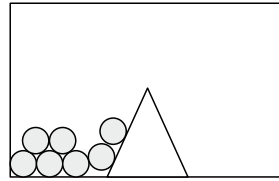
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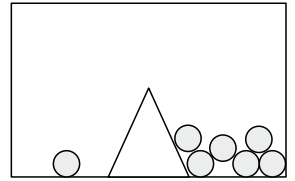
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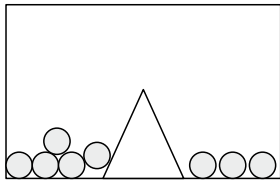


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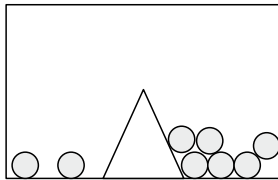
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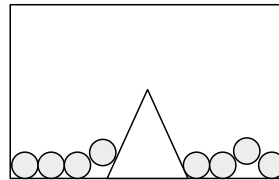
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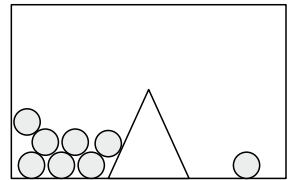
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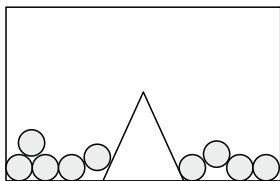


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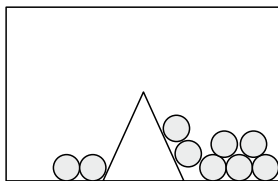
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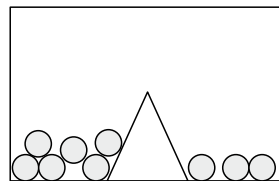
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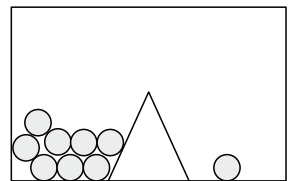
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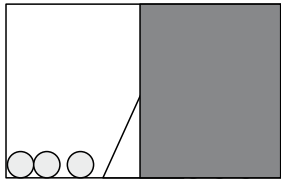
Dein Name: \_\_\_\_\_

## Zerlegungen der Zahlen 7, 8 und 9

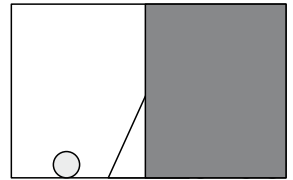
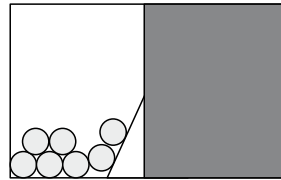
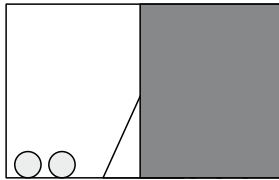
Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

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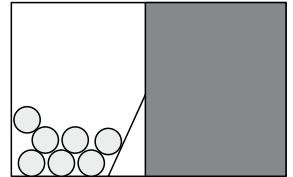
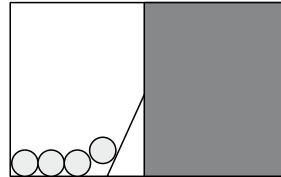
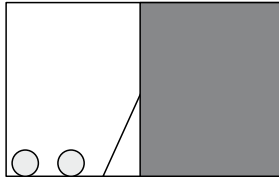
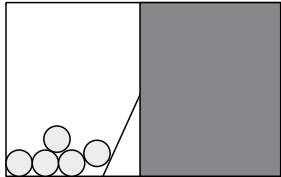


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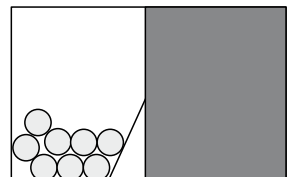
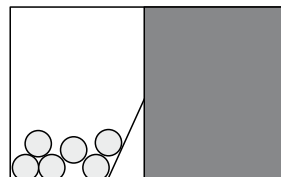
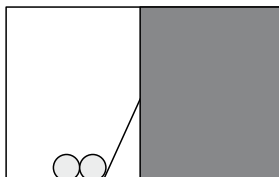
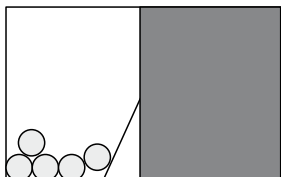
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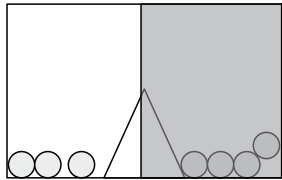
Dein Name: \_\_\_\_\_

## Zerlegungen der Zahlen 7, 8 und 9

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

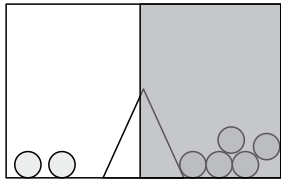
1

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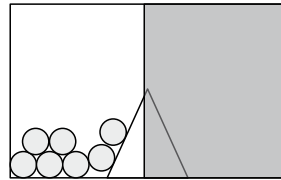
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4



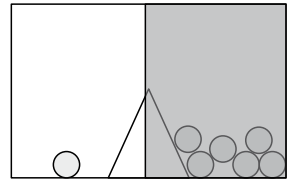
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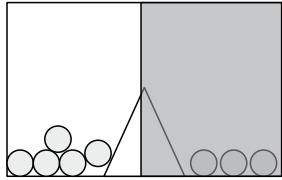


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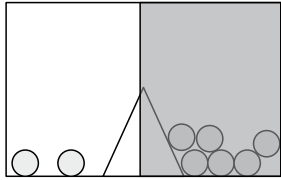
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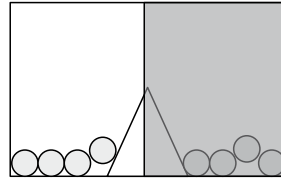
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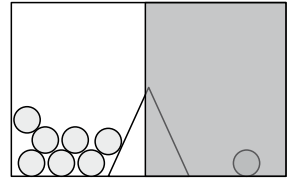
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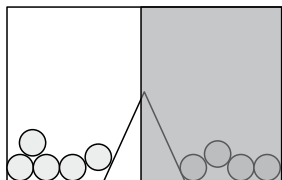


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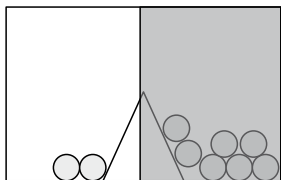
3

9



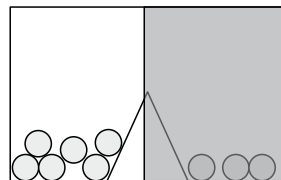
5

4



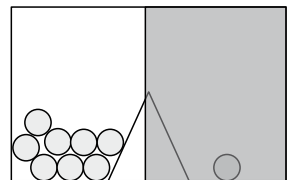
2

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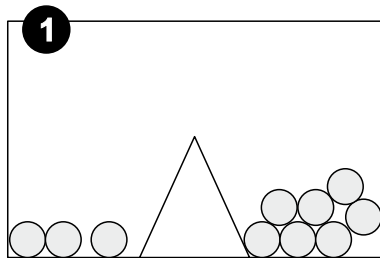


Dein Name: \_\_\_\_\_

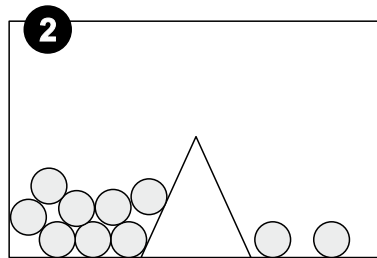
# Zerlegungen der Zahl 10

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

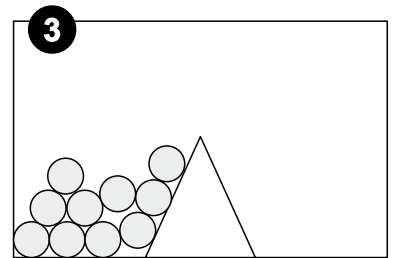
10



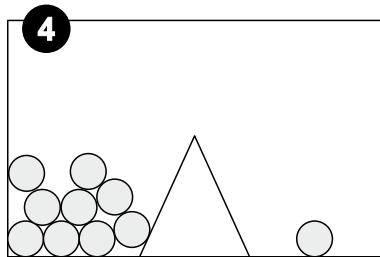
3   



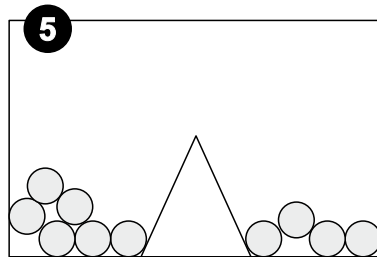
  



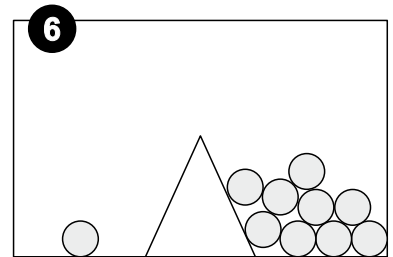
  



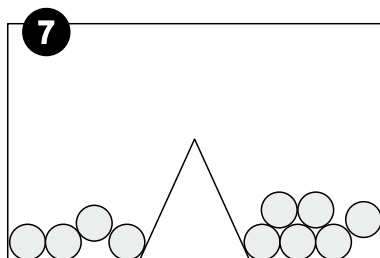
  



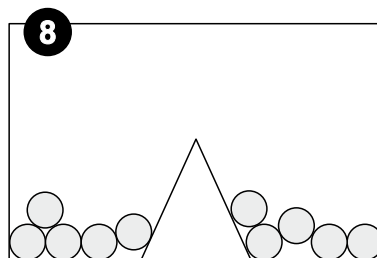
  



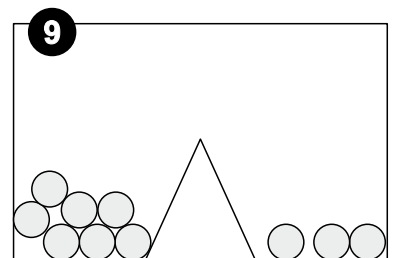
  



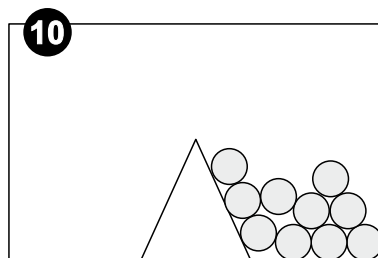
  



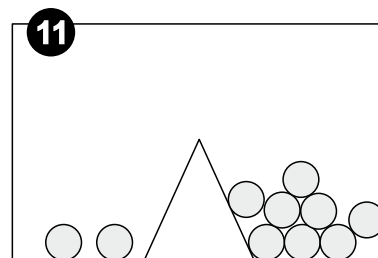
  







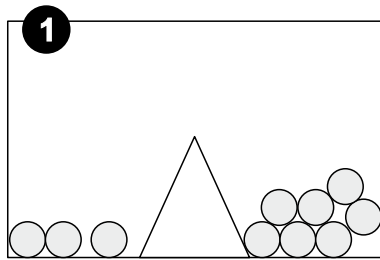


Dein Name: \_\_\_\_\_

# Zerlegungen der Zahl 10

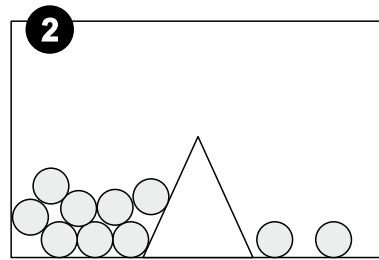
Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

10



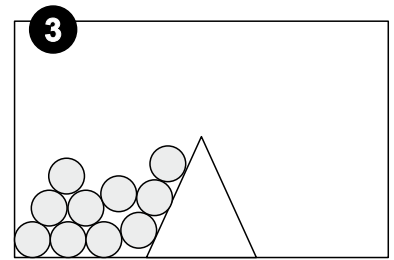
3

7



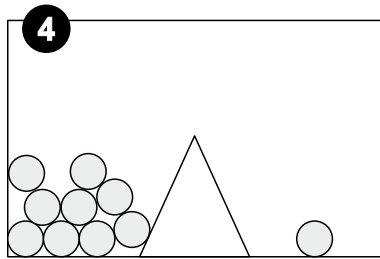
8

2



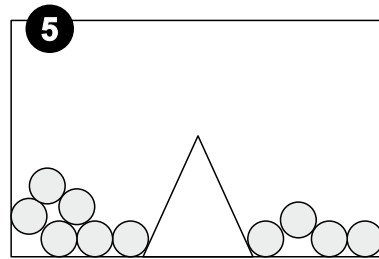
10

0



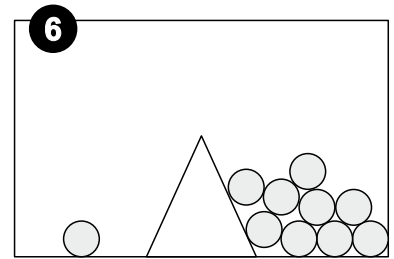
9

1



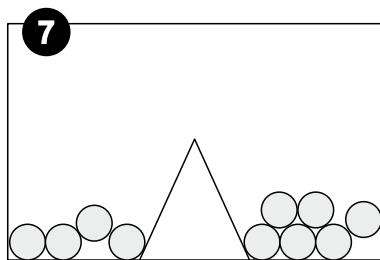
6

4



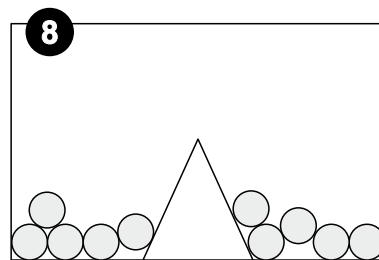
1

9



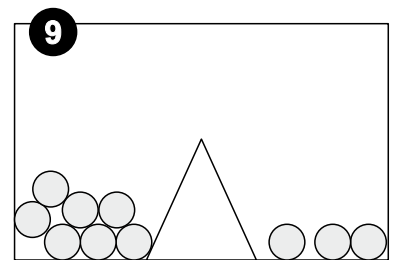
4

6



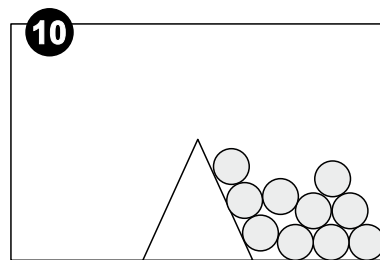
5

5



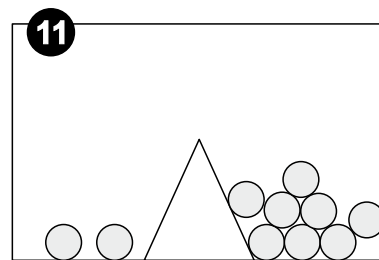
7

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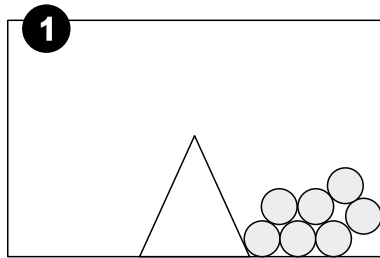


Dein Name: \_\_\_\_\_

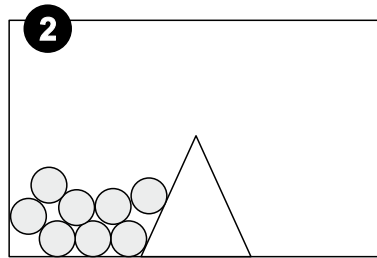
# Zerlegungen der Zahl 10

Zeichne die fehlenden Kugeln in das leere Fach der Multi-Split-Schüttelbox ein und schreibe die fehlende Zahl in das zugehörige Feld!

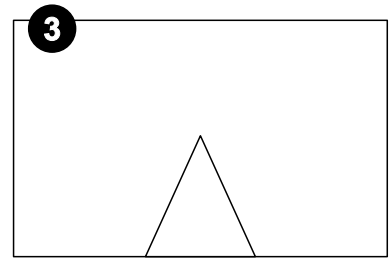
10



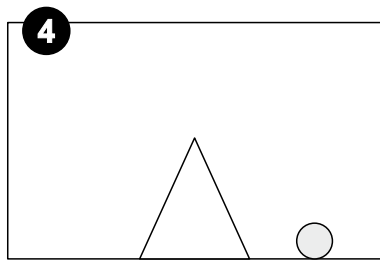
7



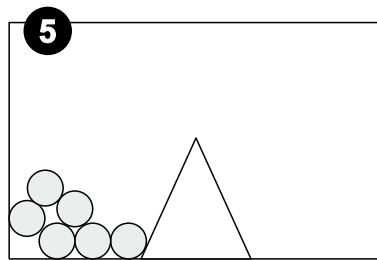
8



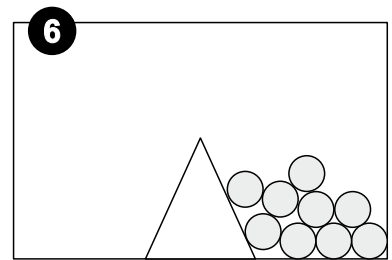
0



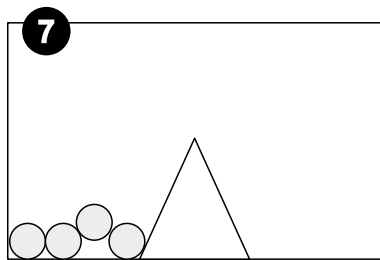
1



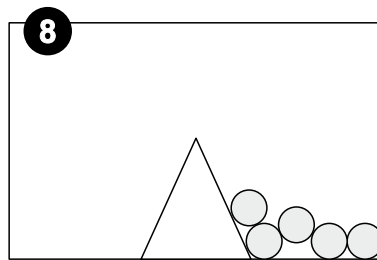
6



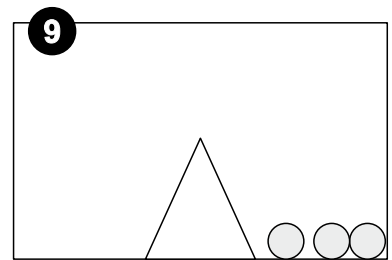
9



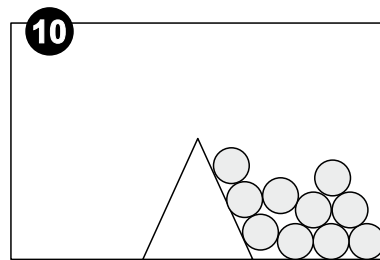
4



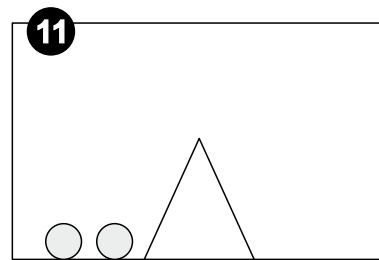
5



3



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2

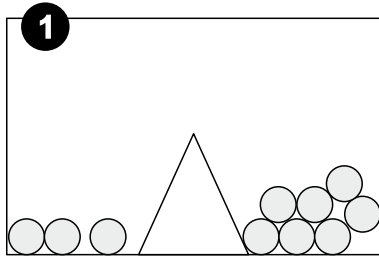


Dein Name: \_\_\_\_\_

# Zerlegungen der Zahl 10

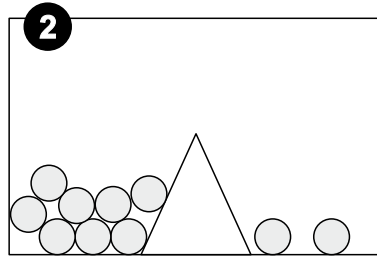
Zeichne die fehlenden Kugeln in das leere Fach der Multi-Split-Schüttelbox ein und schreibe die fehlende Zahl in das zugehörige Feld!

10



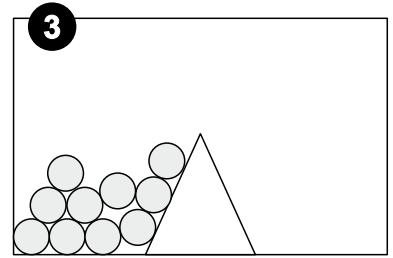
3

7

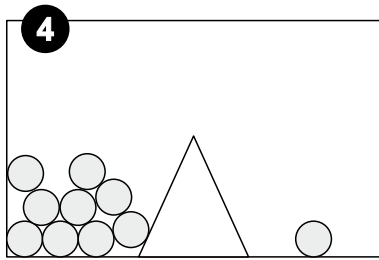


8

2

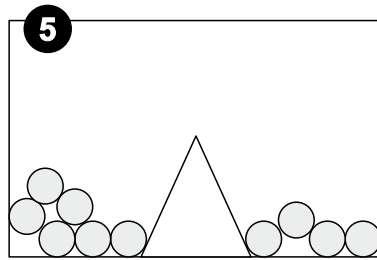


0



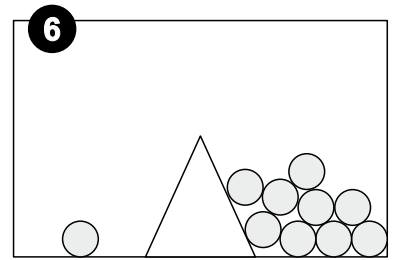
9

1



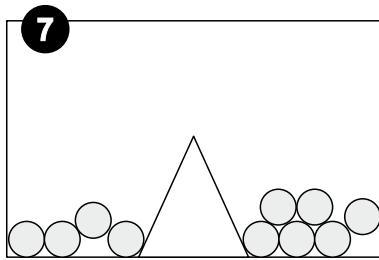
6

4



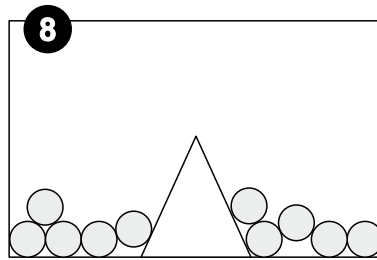
1

9



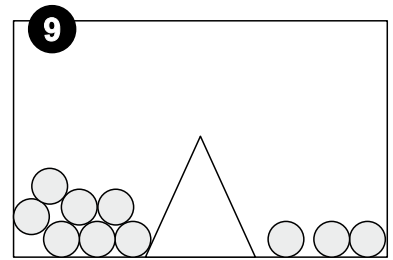
4

6



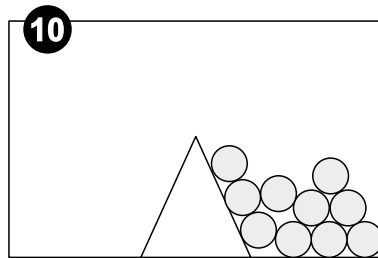
5

5



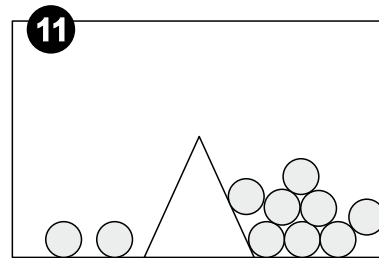
7

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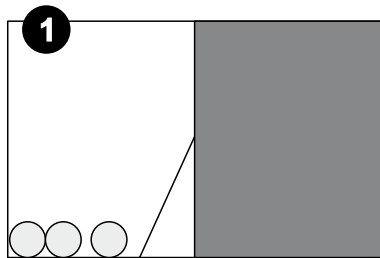


Dein Name: \_\_\_\_\_

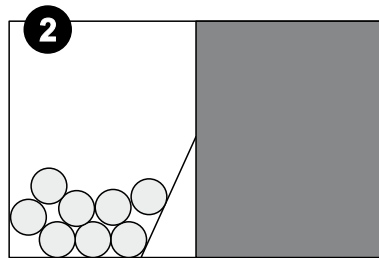
# Zerlegungen der Zahl 10

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

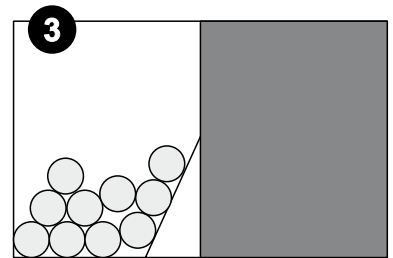
10



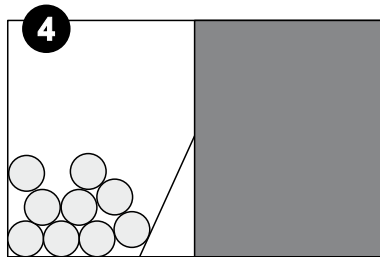
3   



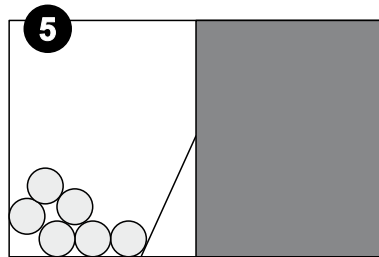
  



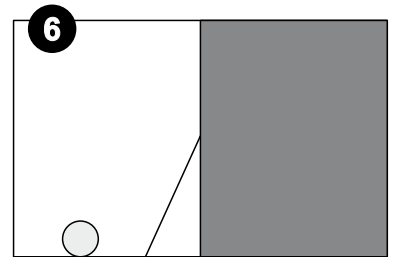
  



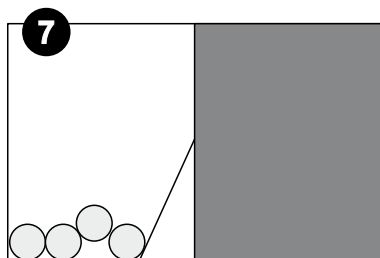
  



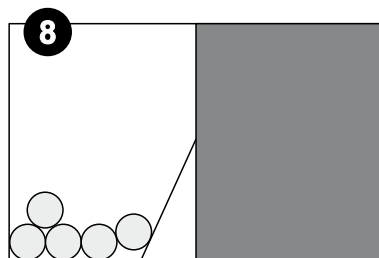
  



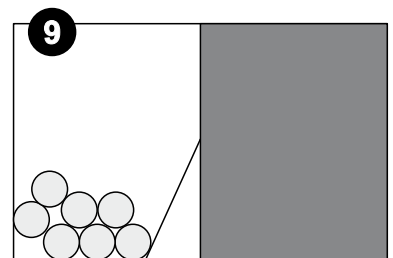
  



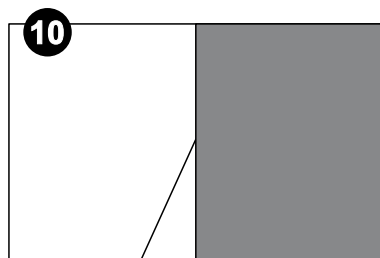
  



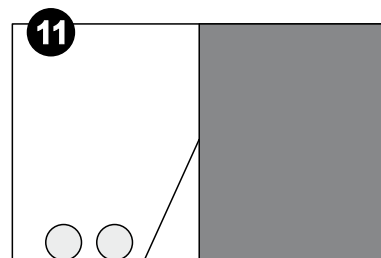
  







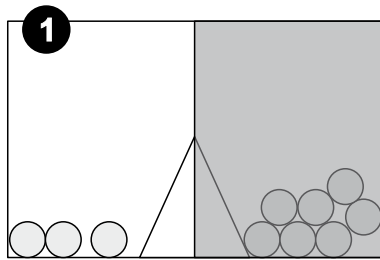


Dein Name: \_\_\_\_\_

# Zerlegungen der Zahl 10

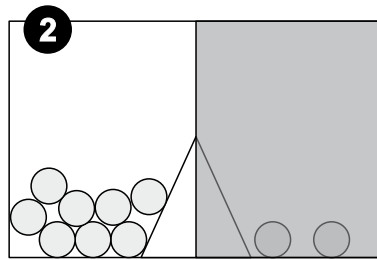
Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

10



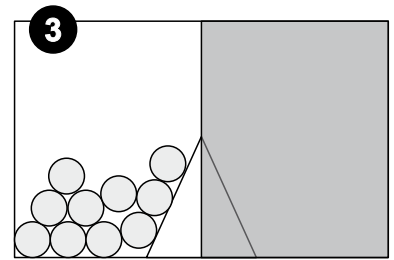
3

7



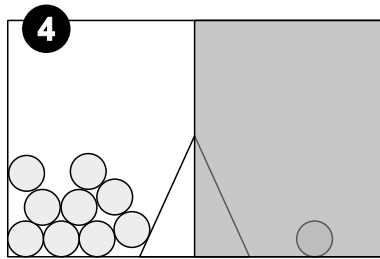
8

2



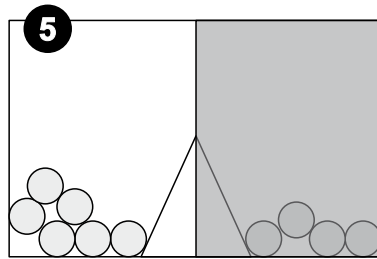
10

0



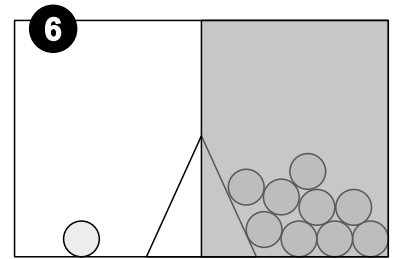
9

1



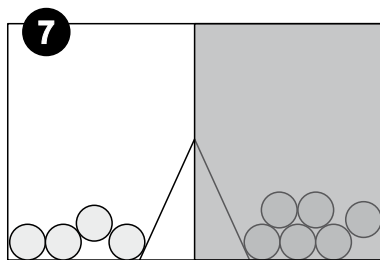
6

4



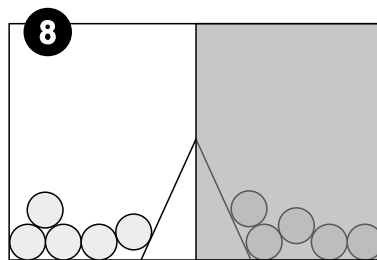
1

9



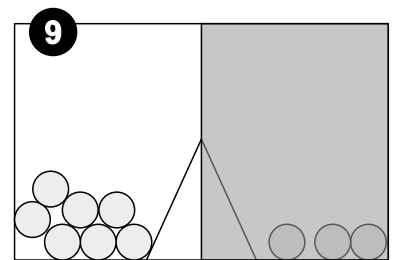
4

6



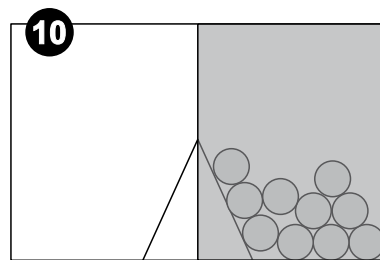
5

5



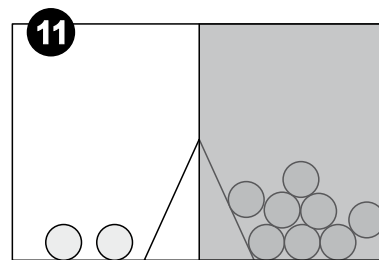
7

3



0

10



2

8



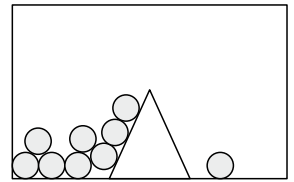
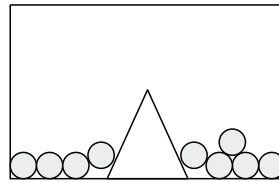
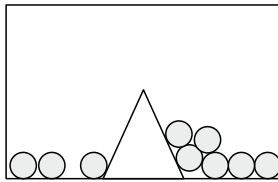
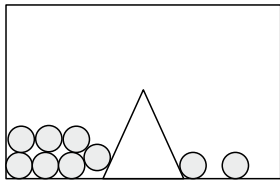
Dein Name: \_\_\_\_\_

# Zerlegungen der Zahl 9

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

1

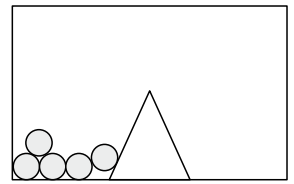
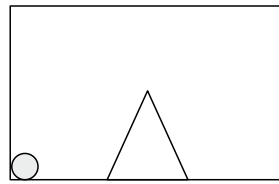
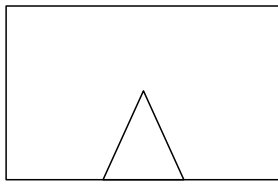
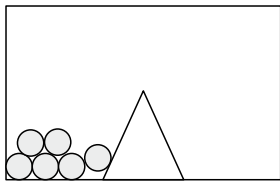
9



Zeichne die fehlenden Kugeln ein und trage die fehlenden Zahlen ein!

2

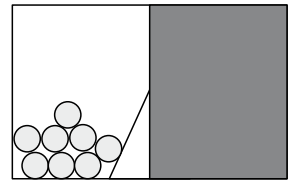
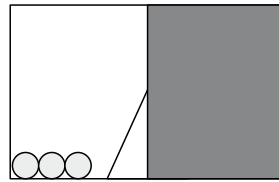
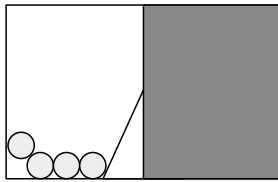
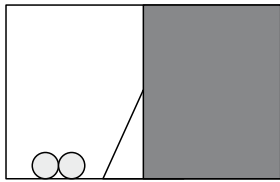
9



Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

3

9





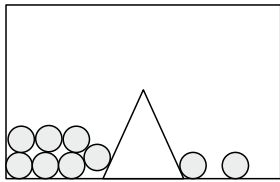
Dein Name: \_\_\_\_\_

# Zerlegungen der Zahl 9

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

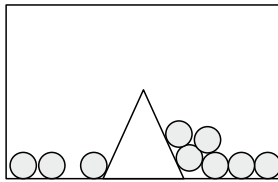
1

9



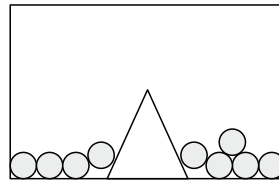
7

2



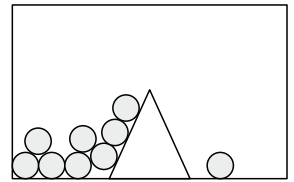
3

6



4

5



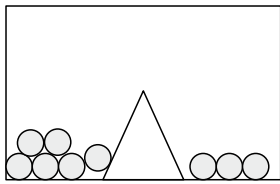
8

1

Zeichne die fehlenden Kugeln ein und trage die fehlenden Zahlen ein!

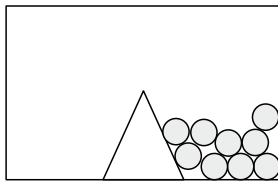
2

9



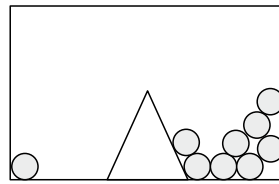
6

3



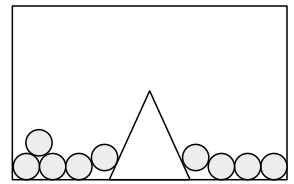
0

9



1

8



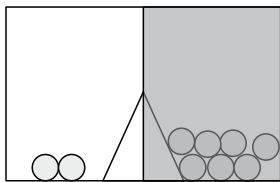
5

4

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

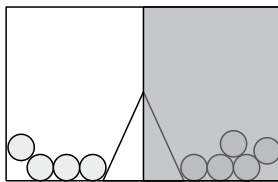
3

9



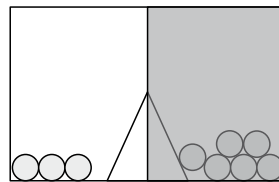
2

7



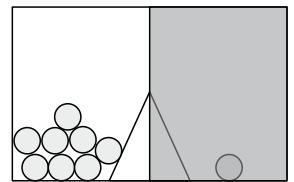
4

5



3

6



8

1



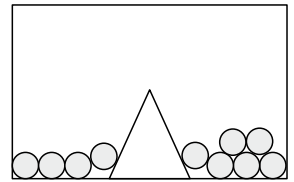
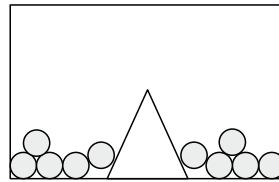
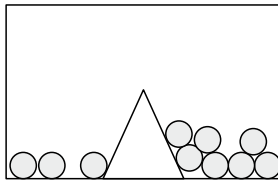
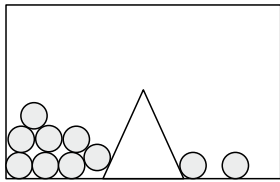
Dein Name: \_\_\_\_\_

# Zerlegungen der Zahl 10

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

1

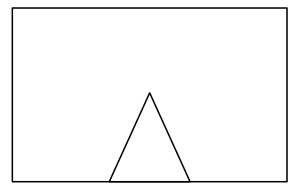
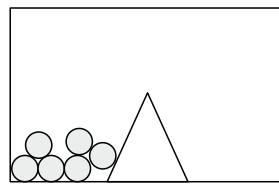
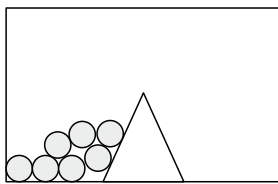
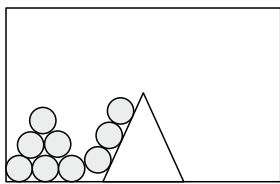
10



Zeichne die fehlenden Kugeln ein und trage die fehlenden Zahlen ein!

2

10



9

7

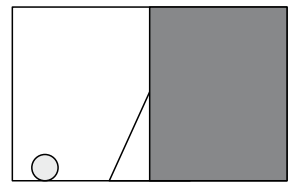
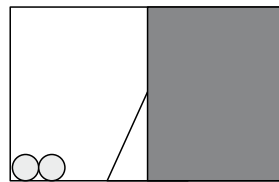
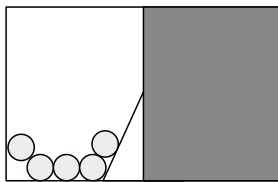
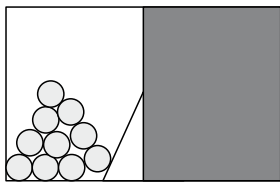
6

0

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

3

10



10

5

2

1



Dein Name: \_\_\_\_\_

# Zerlegungen der Zahl 10

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

**1**

10

8    2	3    7	5    5	4    6

Zeichne die fehlenden Kugeln ein und trage die fehlenden Zahlen ein!

**2**

10

9    1	7    3	6    4	0    10

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

**3**

10

10    0	5    5	2    8	1    9

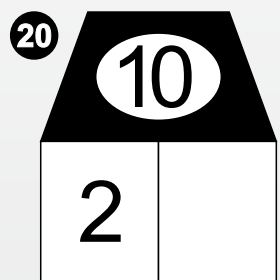
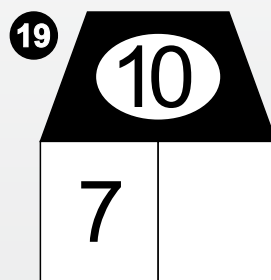
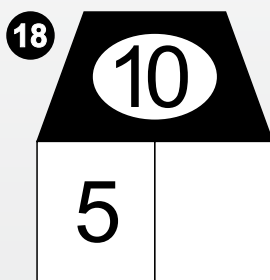
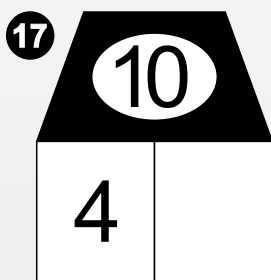
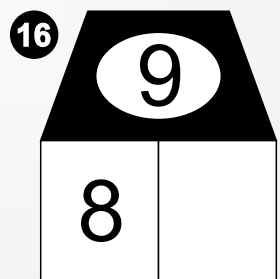
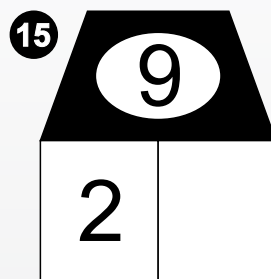
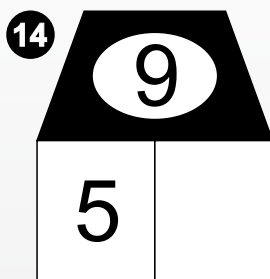
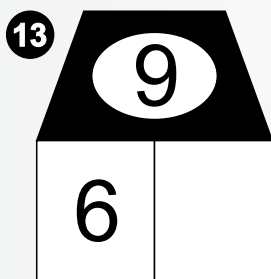
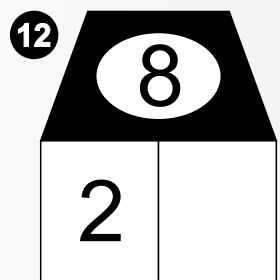
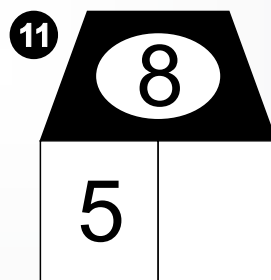
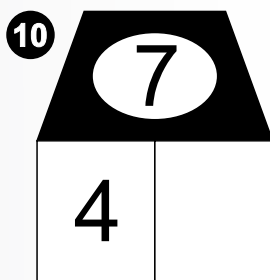
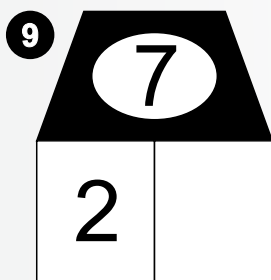
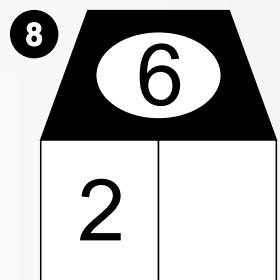
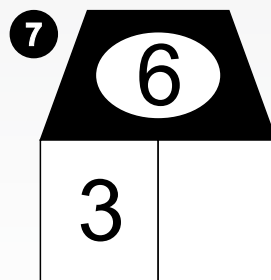
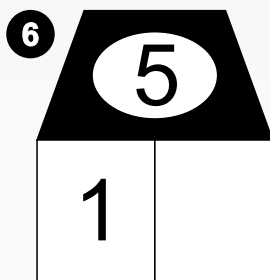
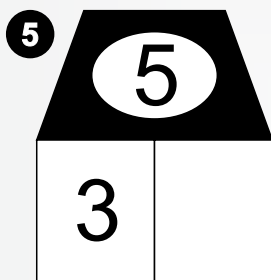
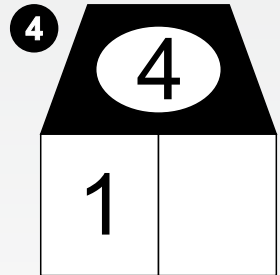
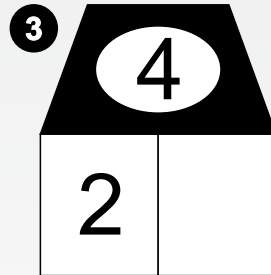
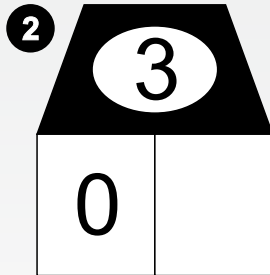
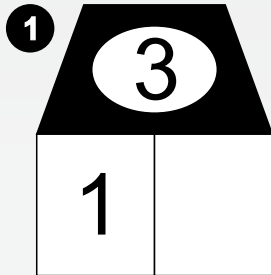




Dein Name: \_\_\_\_\_

## Zerlegungshäuser

Schreibe die fehlenden Zahlen in die zugehörigen Felder!

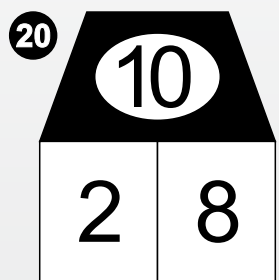
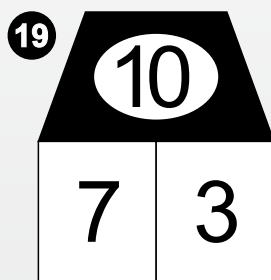
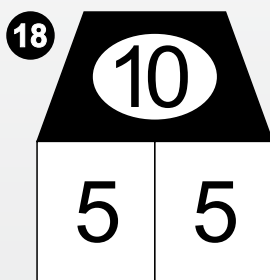
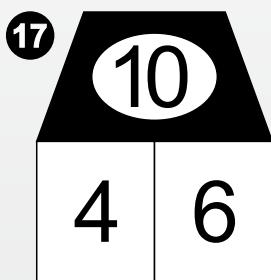
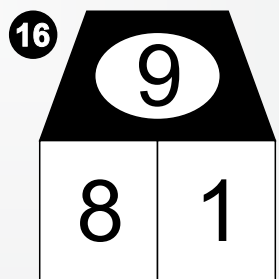
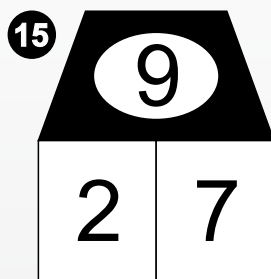
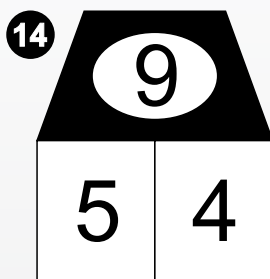
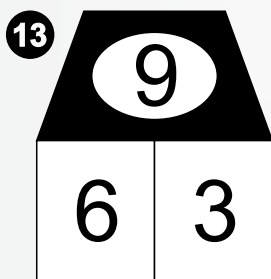
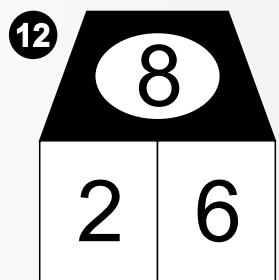
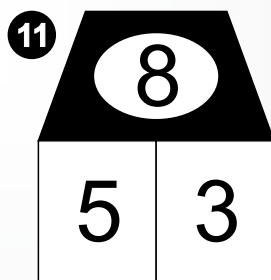
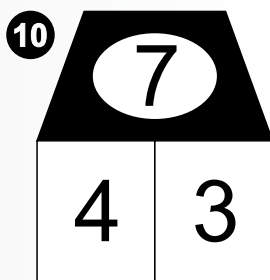
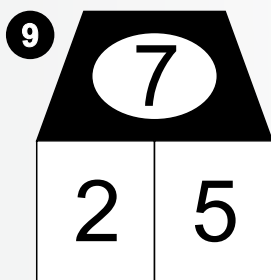
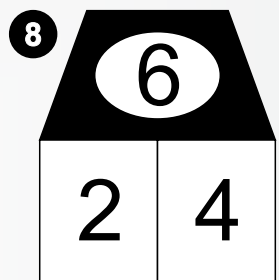
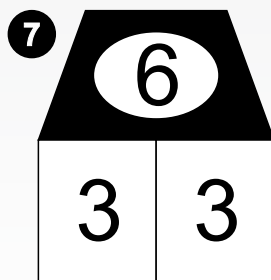
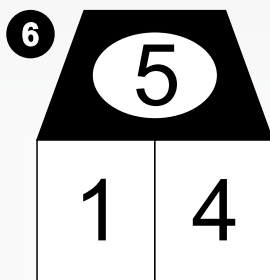
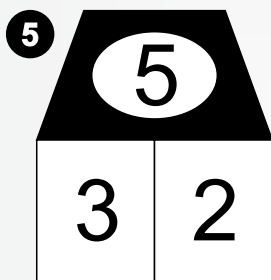
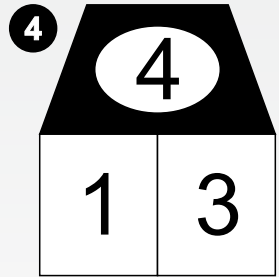
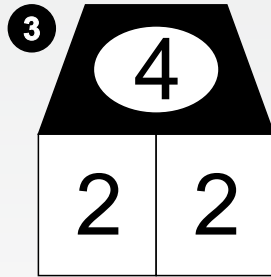
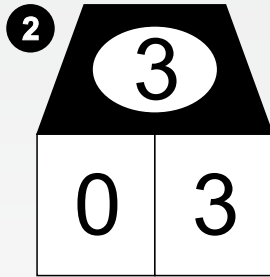
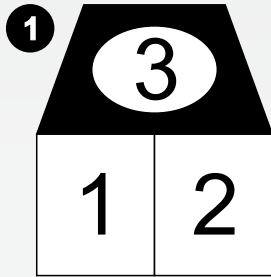




Dein Name: \_\_\_\_\_

# Zerlegungshäuser

Schreibe die fehlenden Zahlen in die zugehörigen Felder!



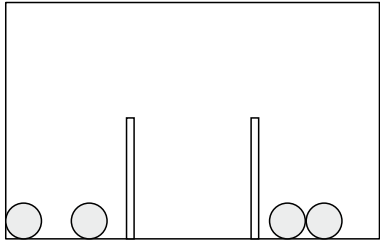
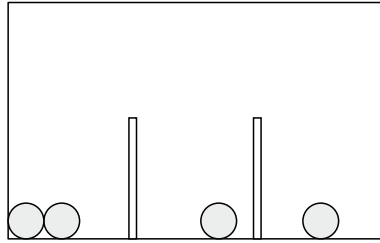
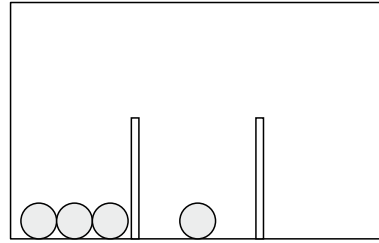


Dein Name: \_\_\_\_\_

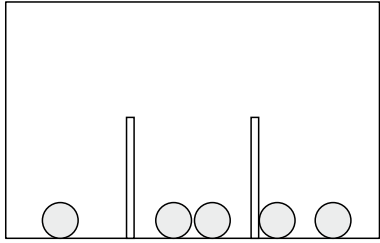
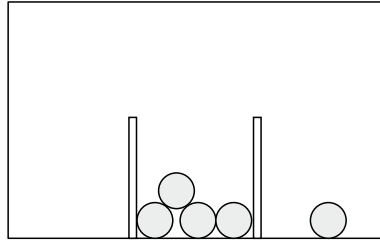
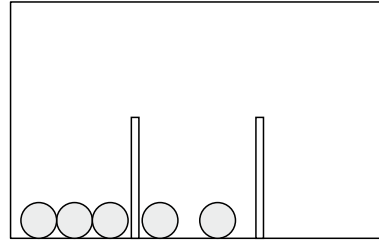
# Zerlegungen der Zahlen 4, 5 und 6

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

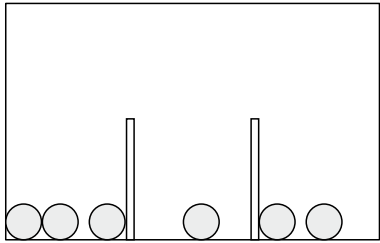
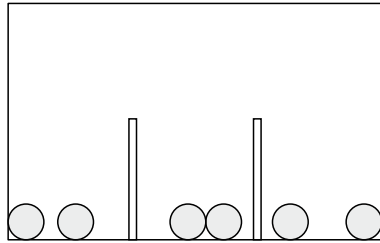
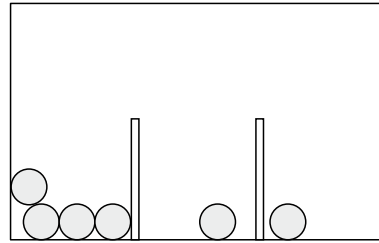
**1** 4

 <span style="border: 1px solid black; padding: 2px 5px; font-weight: bold;">2</span> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/>	 <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/>	 <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/>
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**2** 5

 <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/>	 <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/>	 <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/>
---	--	---

**3** 6

 <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/>	 <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/>	 <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/> <input style="width: 30px; height: 30px; border: 1px solid black;" type="text"/>
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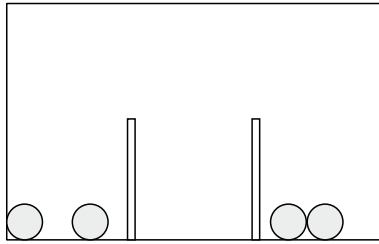
Dein Name: \_\_\_\_\_

# Zerlegungen der Zahlen 4, 5 und 6

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

1

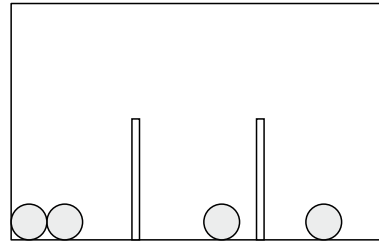
4



2

0

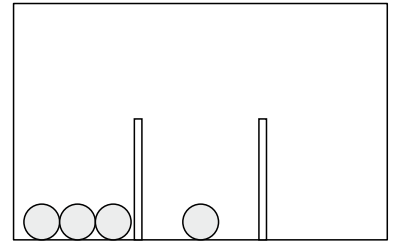
2



2

1

1



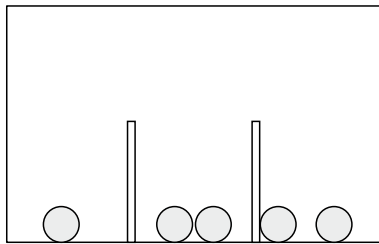
3

1

0

2

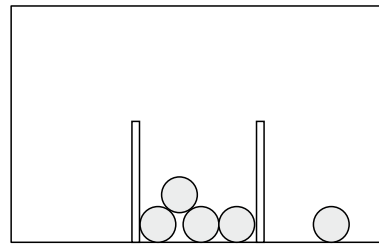
5



1

2

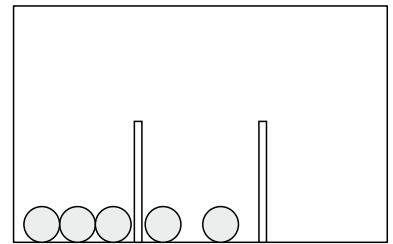
2



0

4

1



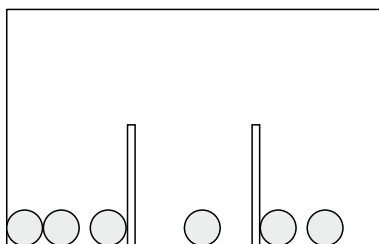
3

2

0

3

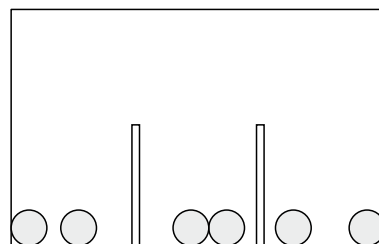
6



3

1

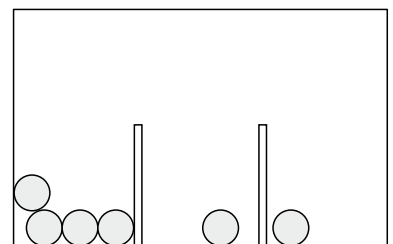
2



2

2

2



4

1

1



Dein Name: \_\_\_\_\_

## Zerlegungen der Zahlen 4, 5 und 6

Zeichne die fehlenden Kugeln in das leere Fach der Multi-Split-Schüttelbox ein und schreibe die fehlende Zahl in das zugehörige Feld!

**1** 4

 2    0 <input style="width: 30px; height: 30px;" type="text"/>	 2    1 <input style="width: 30px; height: 30px;" type="text"/>	 3    1 <input style="width: 30px; height: 30px;" type="text"/>
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**2** 5

 1 <input style="width: 30px; height: 30px;" type="text"/> 2	 0 <input style="width: 30px; height: 30px;" type="text"/> 1	 3 <input style="width: 30px; height: 30px;" type="text"/> 0
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**3** 6

 <input style="width: 30px; height: 30px;" type="text"/> 1    2	 <input style="width: 30px; height: 30px;" type="text"/> 2    2	 <input style="width: 30px; height: 30px;" type="text"/> 1    1
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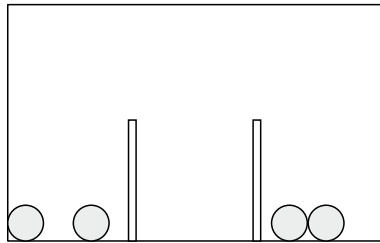
Dein Name: \_\_\_\_\_

## Zerlegungen der Zahlen 4, 5 und 6

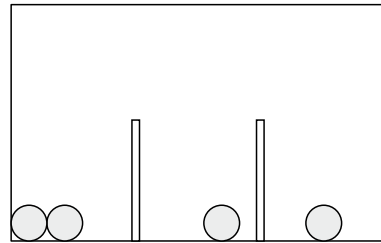
Zeichne die fehlenden Kugeln in das leere Fach der Multi-Split-Schüttelbox ein und schreibe die fehlende Zahl in das zugehörige Feld!

1

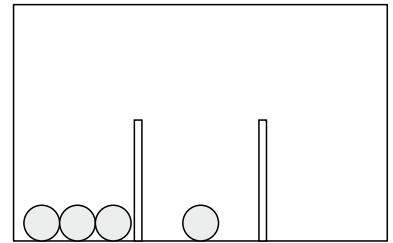
4



2 0 2



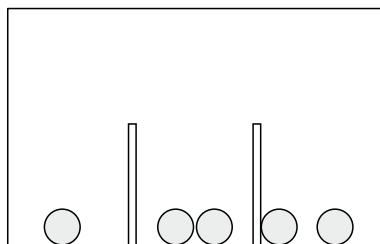
2 1 1



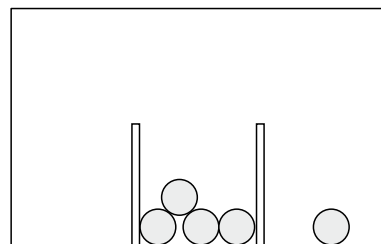
3 1 0

2

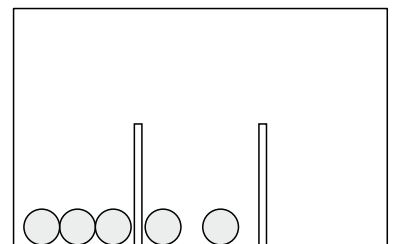
5



1 2 2



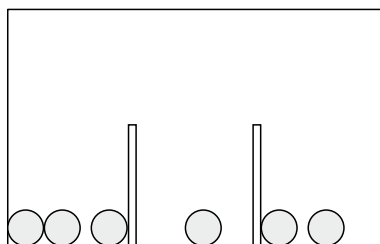
0 4 1



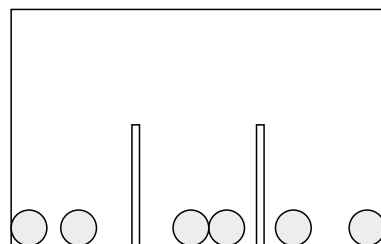
3 2 0

3

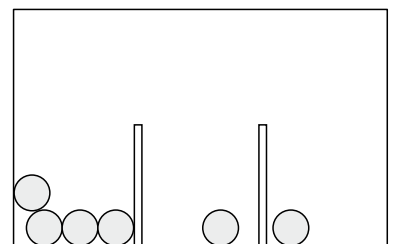
6



3 1 2



2 2 2



4 1 1

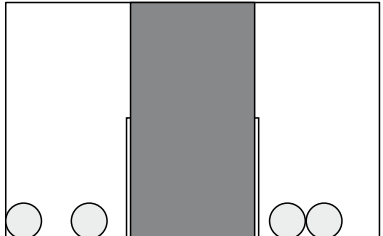
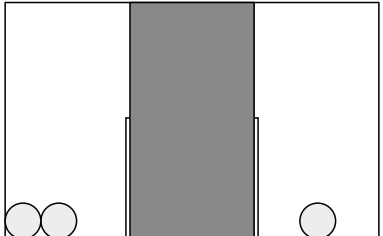
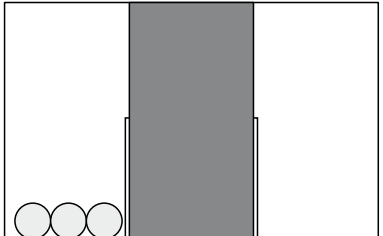


Dein Name: \_\_\_\_\_

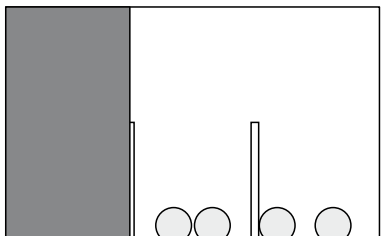
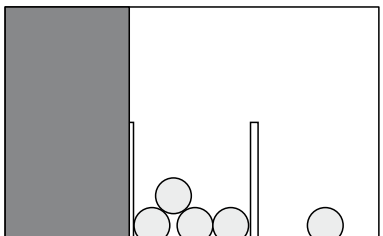
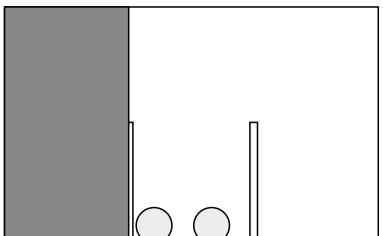
## Zerlegungen der Zahlen 4, 5 und 6

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

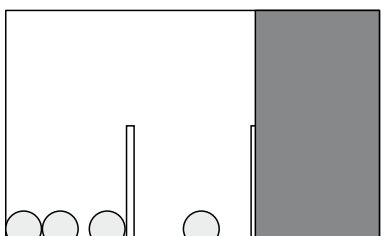
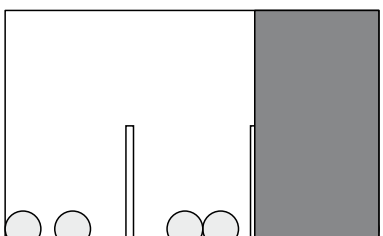
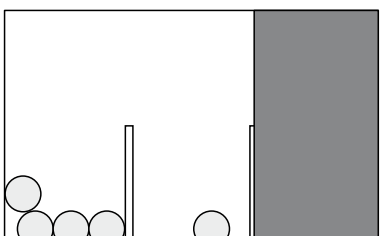
**1** 4

		
<span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;"> </span> <span style="border: 1px solid black; padding: 2px 10px;">2</span>	<span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;"> </span> <span style="border: 1px solid black; padding: 2px 10px;">1</span>	<span style="border: 1px solid black; padding: 2px 10px;">3</span> <span style="border: 1px solid black; padding: 2px 10px;"> </span> <span style="border: 1px solid black; padding: 2px 10px;">0</span>

**2** 5

		
<span style="border: 1px solid black; padding: 2px 10px;"> </span> <span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span>	<span style="border: 1px solid black; padding: 2px 10px;"> </span> <span style="border: 1px solid black; padding: 2px 10px;">4</span> <span style="border: 1px solid black; padding: 2px 10px;">1</span>	<span style="border: 1px solid black; padding: 2px 10px;"> </span> <span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;">0</span>

**3** 6

		
<span style="border: 1px solid black; padding: 2px 10px;">3</span> <span style="border: 1px solid black; padding: 2px 10px;">1</span> <span style="border: 1px solid black; padding: 2px 10px;"> </span>	<span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;"> </span>	<span style="border: 1px solid black; padding: 2px 10px;">4</span> <span style="border: 1px solid black; padding: 2px 10px;">1</span> <span style="border: 1px solid black; padding: 2px 10px;"> </span>



Dein Name: \_\_\_\_\_

# Zerlegungen der Zahlen 4, 5 und 6

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

**1** 4

 2 0 2	 2 1 1	 3 1 0
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**2** 5

 1 2 2	 0 4 1	 3 2 0
-----------	-----------	-----------

**3** 6

 3 1 2	 2 2 2	 4 1 1
-----------	-----------	-----------



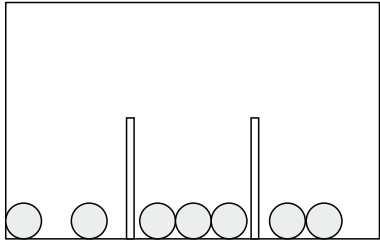
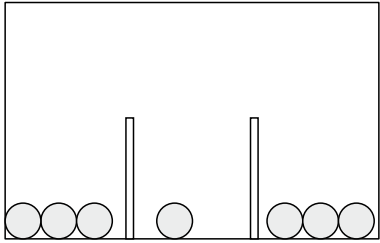
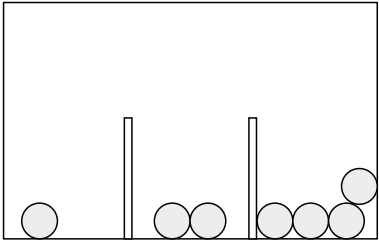


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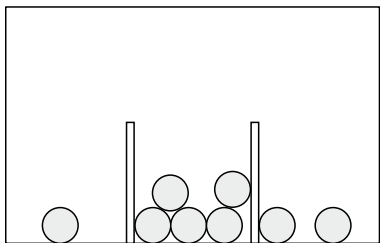
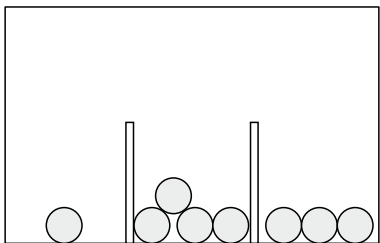
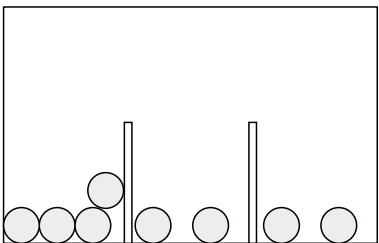
## Zerlegungen der Zahlen 7, 8 und 9

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

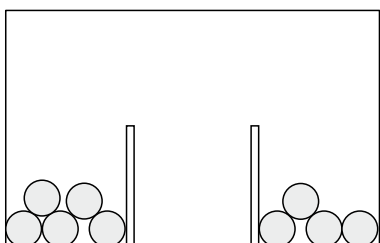
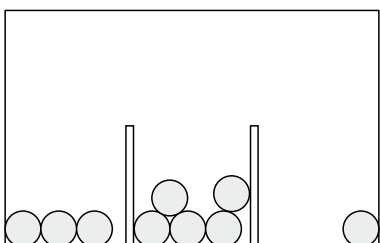
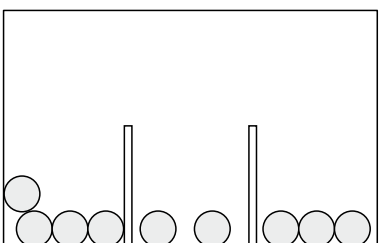
**1** 7

 <span style="border: 1px solid black; padding: 2px 5px;">2</span> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	 <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	 <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>
--	---	--

**2** 8

 <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	 <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	 <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <span style="border: 1px solid black; padding: 2px 5px;">2</span>
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**3** 9

 <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	 <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	 <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>
--	---	--



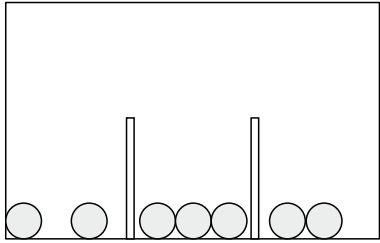
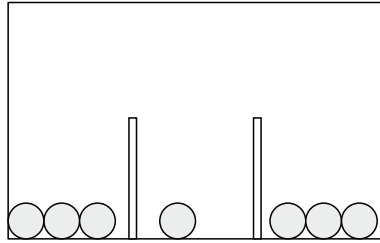
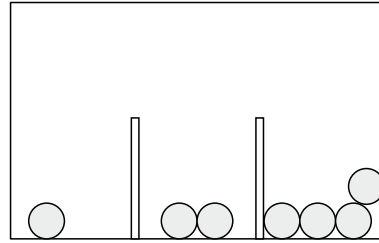
Dein Name: \_\_\_\_\_

## Zerlegungen der Zahlen 7, 8 und 9

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

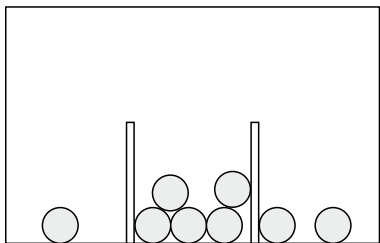
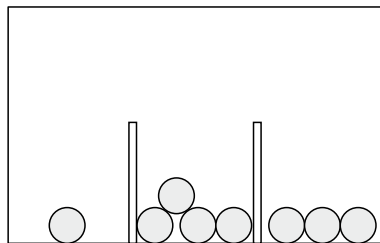
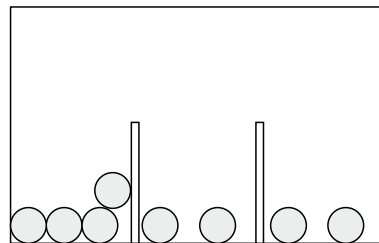
**1**

**7**

 <b>2</b> <b>3</b> <b>2</b>	 <b>3</b> <b>1</b> <b>3</b>	 <b>1</b> <b>2</b> <b>4</b>
---	--	---

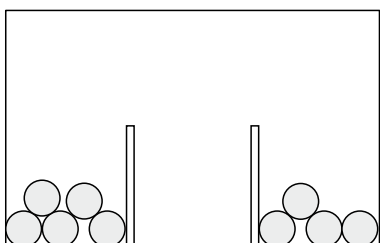
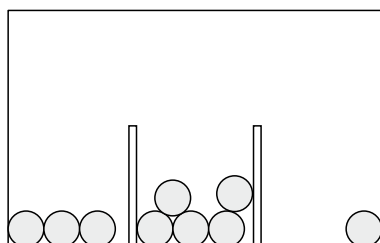
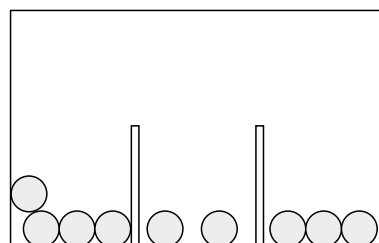
**2**

**8**

 <b>1</b> <b>5</b> <b>2</b>	 <b>1</b> <b>4</b> <b>3</b>	 <b>4</b> <b>2</b> <b>2</b>
---	--	---

**3**

**9**

 <b>5</b> <b>0</b> <b>4</b>	 <b>3</b> <b>5</b> <b>1</b>	 <b>4</b> <b>2</b> <b>3</b>
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Dein Name: \_\_\_\_\_

# Zerlegungen der Zahlen 7, 8 und 9

Zeichne die fehlenden Kugeln in das leere Fach der Multi-Split-Schüttelbox ein und schreibe die fehlende Zahl in das zugehörige Feld!

**1** 7

<span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;">3</span> <span style="border: 1px solid black; padding: 2px 10px;"> </span>	<span style="border: 1px solid black; padding: 2px 10px;">3</span> <span style="border: 1px solid black; padding: 2px 10px;">1</span> <span style="border: 1px solid black; padding: 2px 10px;"> </span>	<span style="border: 1px solid black; padding: 2px 10px;">1</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;"> </span>

**2** 8

<span style="border: 1px solid black; padding: 2px 10px;">1</span> <span style="border: 1px solid black; padding: 2px 10px;"> </span> <span style="border: 1px solid black; padding: 2px 10px;">2</span>	<span style="border: 1px solid black; padding: 2px 10px;">1</span> <span style="border: 1px solid black; padding: 2px 10px;"> </span> <span style="border: 1px solid black; padding: 2px 10px;">3</span>	<span style="border: 1px solid black; padding: 2px 10px;">4</span> <span style="border: 1px solid black; padding: 2px 10px;"> </span> <span style="border: 1px solid black; padding: 2px 10px;">2</span>

**3** 9

<span style="border: 1px solid black; padding: 2px 10px;"> </span> <span style="border: 1px solid black; padding: 2px 10px;">0</span> <span style="border: 1px solid black; padding: 2px 10px;">4</span>	<span style="border: 1px solid black; padding: 2px 10px;"> </span> <span style="border: 1px solid black; padding: 2px 10px;">5</span> <span style="border: 1px solid black; padding: 2px 10px;">1</span>	<span style="border: 1px solid black; padding: 2px 10px;"> </span> <span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;">3</span>



Dein Name: \_\_\_\_\_

# Zerlegungen der Zahlen 7, 8 und 9

Zeichne die fehlenden Kugeln in das leere Fach der Multi-Split-Schüttelbox ein und schreibe die fehlende Zahl in das zugehörige Feld!

**1** 7

<span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;">3</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span>	<span style="border: 1px solid black; padding: 2px 10px;">3</span> <span style="border: 1px solid black; padding: 2px 10px;">1</span> <span style="border: 1px solid black; padding: 2px 10px;">3</span>	<span style="border: 1px solid black; padding: 2px 10px;">1</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;">4</span>

**2** 8

<span style="border: 1px solid black; padding: 2px 10px;">1</span> <span style="border: 1px solid black; padding: 2px 10px;">5</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span>	<span style="border: 1px solid black; padding: 2px 10px;">1</span> <span style="border: 1px solid black; padding: 2px 10px;">4</span> <span style="border: 1px solid black; padding: 2px 10px;">3</span>	<span style="border: 1px solid black; padding: 2px 10px;">4</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span>

**3** 9

<span style="border: 1px solid black; padding: 2px 10px;">5</span> <span style="border: 1px solid black; padding: 2px 10px;">0</span> <span style="border: 1px solid black; padding: 2px 10px;">4</span>	<span style="border: 1px solid black; padding: 2px 10px;">3</span> <span style="border: 1px solid black; padding: 2px 10px;">5</span> <span style="border: 1px solid black; padding: 2px 10px;">1</span>	<span style="border: 1px solid black; padding: 2px 10px;">4</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;">3</span>



Dein Name: \_\_\_\_\_

# Zerlegungen der Zahlen 7, 8 und 9

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

**1** 7

2		2	3		3	1		4
---	--	---	---	--	---	---	--	---

**2** 8

	5	2		4	3		2	2
--	---	---	--	---	---	--	---	---

**3** 9

5	0		3	5		4	2	
---	---	--	---	---	--	---	---	--



Dein Name: \_\_\_\_\_

# Zerlegungen der Zahlen 7, 8 und 9

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

**1** 7

<span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;">3</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span>	<span style="border: 1px solid black; padding: 2px 10px;">3</span> <span style="border: 1px solid black; padding: 2px 10px;">1</span> <span style="border: 1px solid black; padding: 2px 10px;">3</span>	<span style="border: 1px solid black; padding: 2px 10px;">1</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;">4</span>

**2** 8

<span style="border: 1px solid black; padding: 2px 10px;">1</span> <span style="border: 1px solid black; padding: 2px 10px;">5</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span>	<span style="border: 1px solid black; padding: 2px 10px;">1</span> <span style="border: 1px solid black; padding: 2px 10px;">4</span> <span style="border: 1px solid black; padding: 2px 10px;">3</span>	<span style="border: 1px solid black; padding: 2px 10px;">4</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span>

**3** 9

<span style="border: 1px solid black; padding: 2px 10px;">5</span> <span style="border: 1px solid black; padding: 2px 10px;">0</span> <span style="border: 1px solid black; padding: 2px 10px;">4</span>	<span style="border: 1px solid black; padding: 2px 10px;">3</span> <span style="border: 1px solid black; padding: 2px 10px;">5</span> <span style="border: 1px solid black; padding: 2px 10px;">1</span>	<span style="border: 1px solid black; padding: 2px 10px;">4</span> <span style="border: 1px solid black; padding: 2px 10px;">2</span> <span style="border: 1px solid black; padding: 2px 10px;">3</span>



Dein Name: \_\_\_\_\_

# Zerlegungen der Zahl 10

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

10

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**11**

**12**

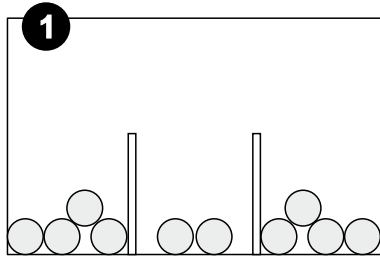


Dein Name: \_\_\_\_\_

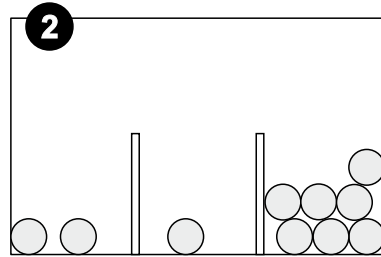
# Zerlegungen der Zahl 10

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

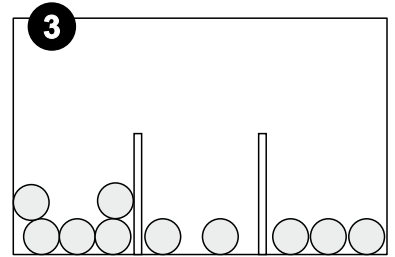
10



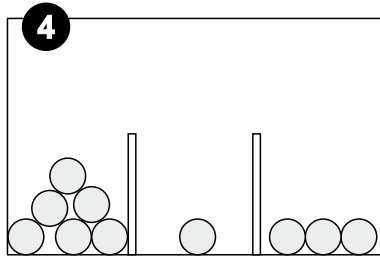
4 2 4



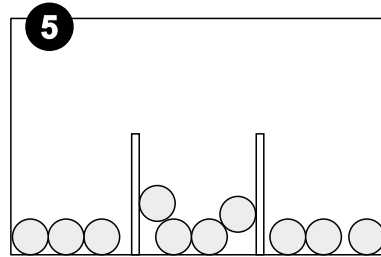
2 1 7



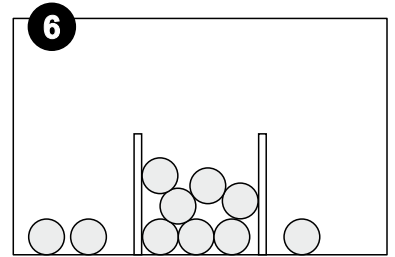
5 2 3



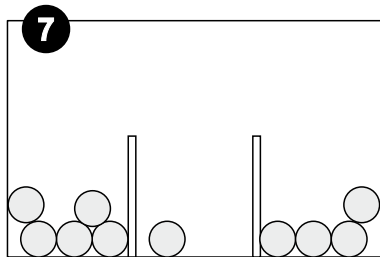
6 1 3



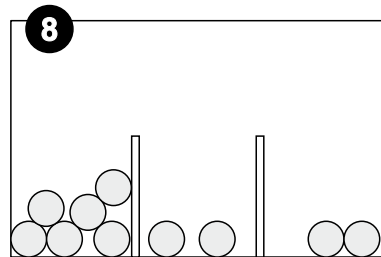
3 4 3



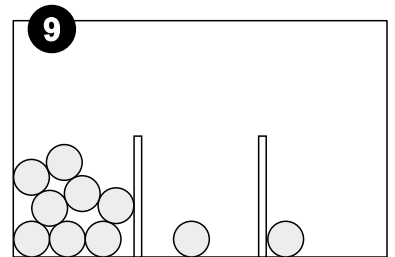
2 7 1



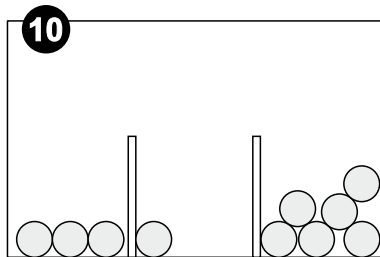
5 1 4



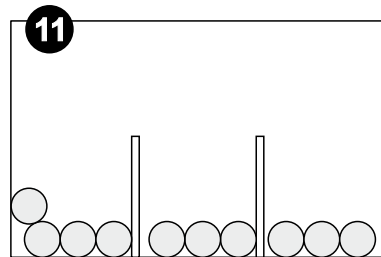
6 2 2



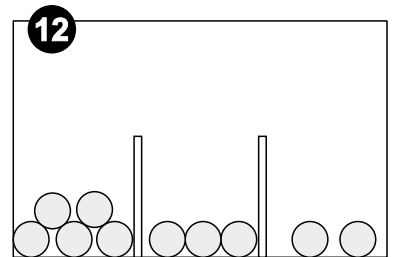
8 1 1



3 1 6



4 3 3



5 3 2



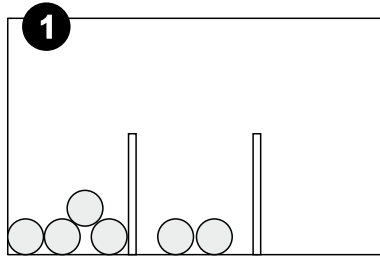


Dein Name: \_\_\_\_\_

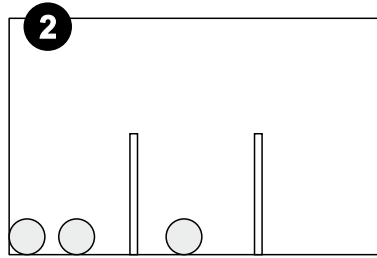
# Zerlegungen der Zahl 10

Zeichne die fehlenden Kugeln in das leere Fach der Multi-Split-Schüttelbox ein und schreibe die fehlende Zahl in das zugehörige Feld!

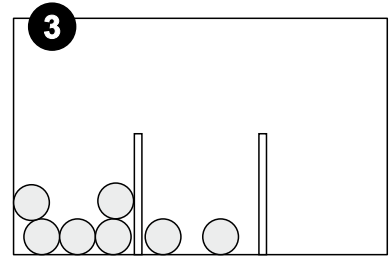
10



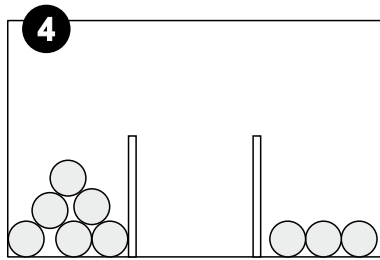
4    2   



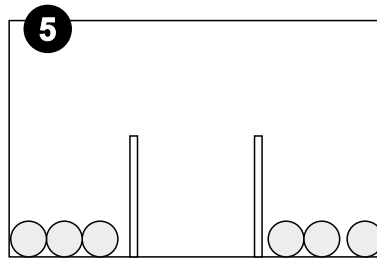
2    1   



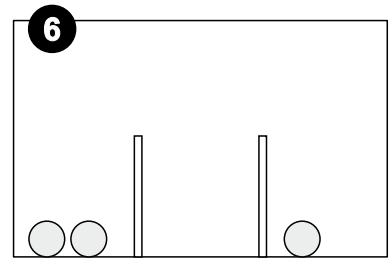
5    2   



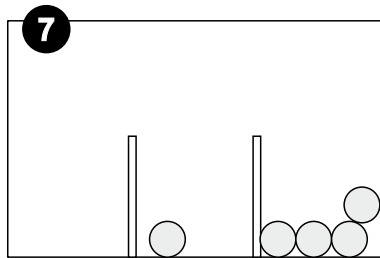
6        3



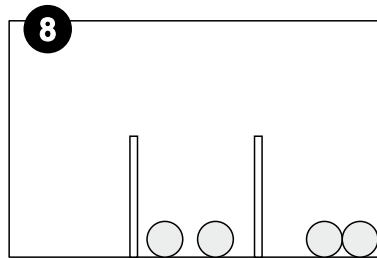
3        3



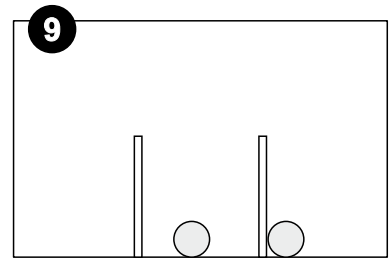
2        1



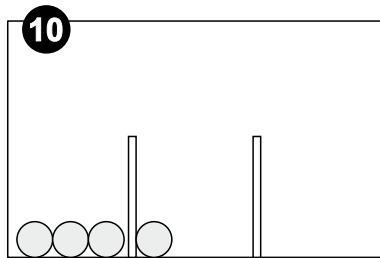
   1    4



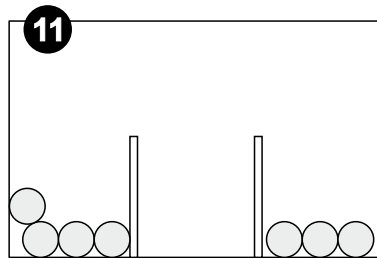
   2    2



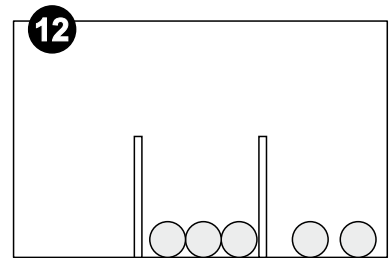
   1    1



3    1   



4        3



   3    2

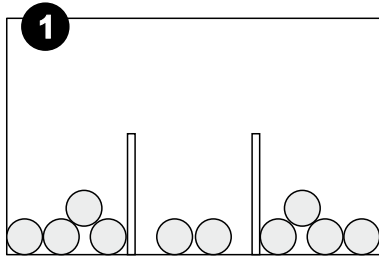


Dein Name: \_\_\_\_\_

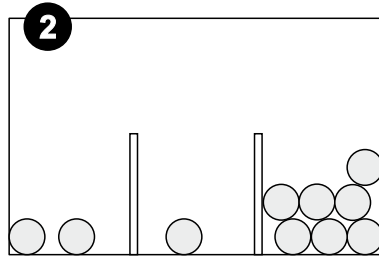
# Zerlegungen der Zahl 10

Zeichne die fehlenden Kugeln in das leere Fach der Multi-Split-Schüttelbox ein und schreibe die fehlende Zahl in das zugehörige Feld!

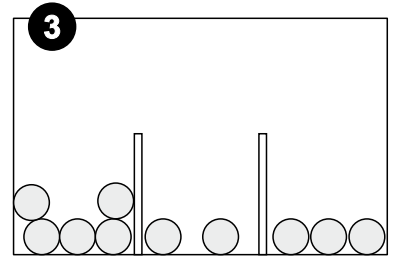
10



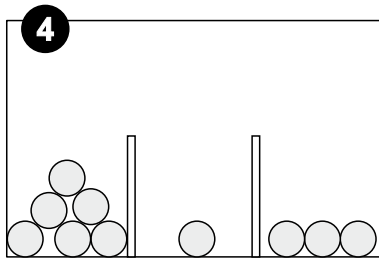
4 2 4



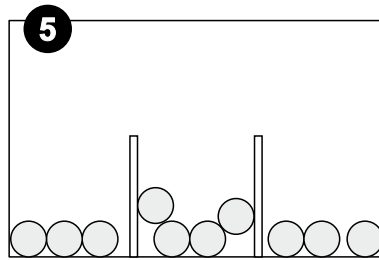
2 1 7



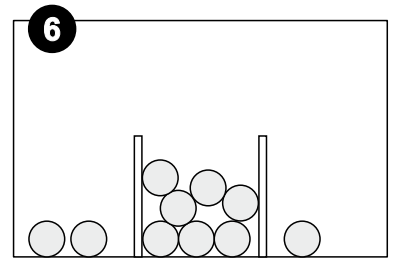
5 2 3



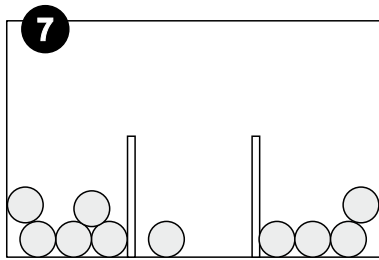
6 1 3



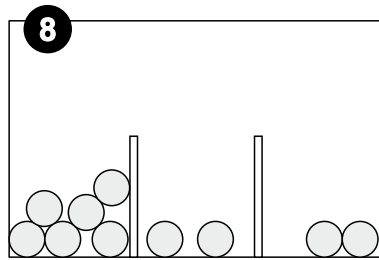
3 4 3



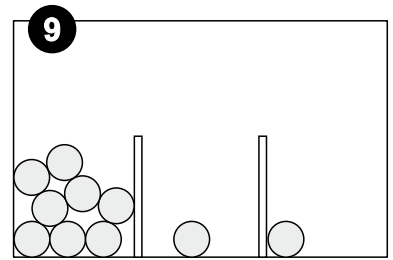
2 7 1



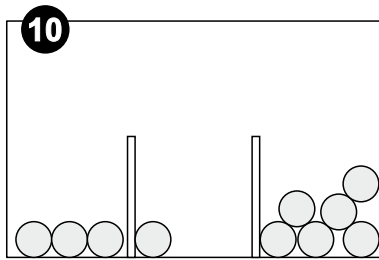
5 1 4



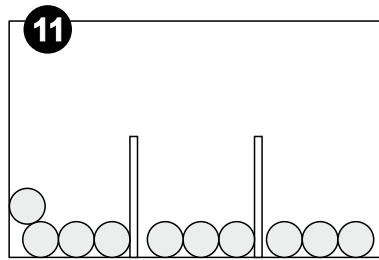
6 2 2



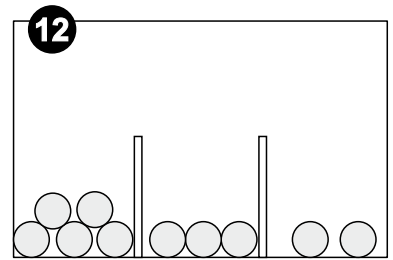
8 1 1



3 1 6



4 3 3



5 3 2

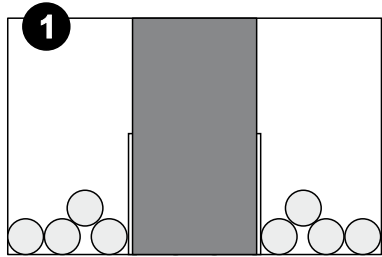


Dein Name: \_\_\_\_\_

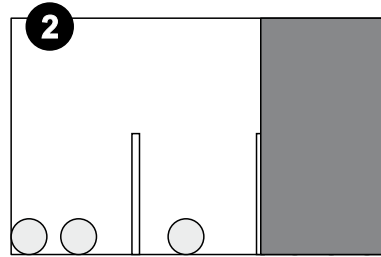
# Zerlegungen der Zahl 10

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

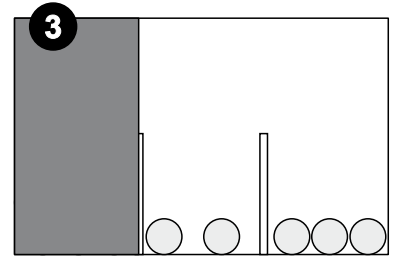
## 10



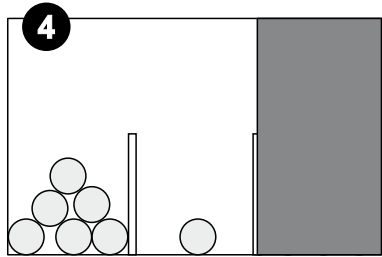
4        4



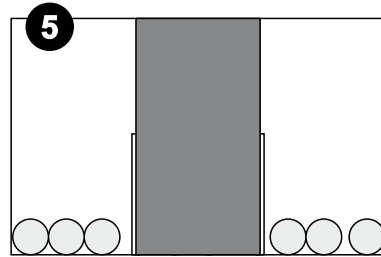
2    1   



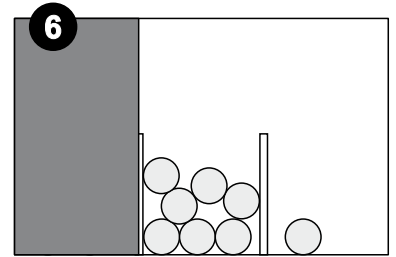
   2    3



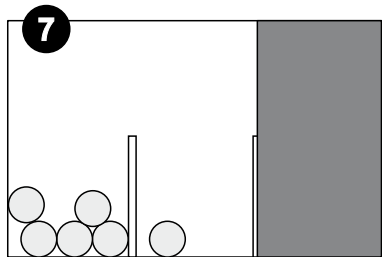
6    1   



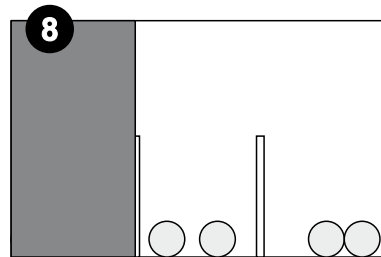
3        3



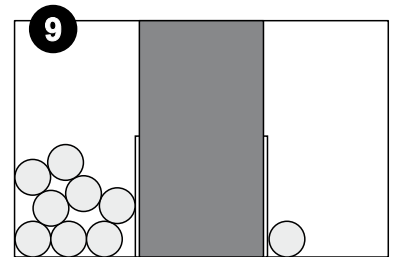
   7    1



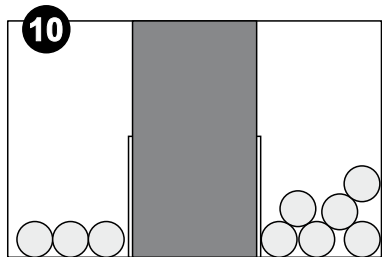
5    1   



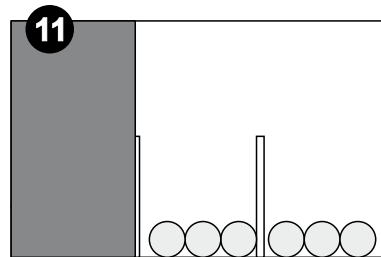
   2    2



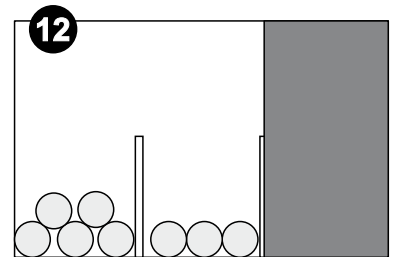
8        1



3        6



   3    3



5    3

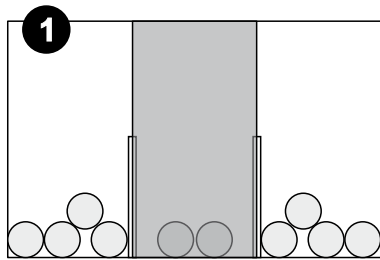


Dein Name: \_\_\_\_\_

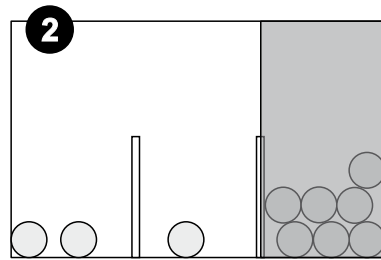
# Zerlegungen der Zahl 10

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

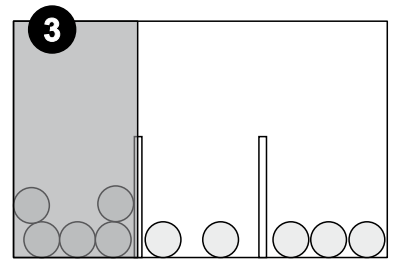
10



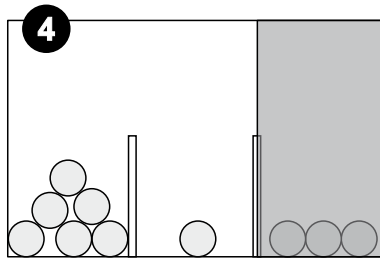
4 2 4



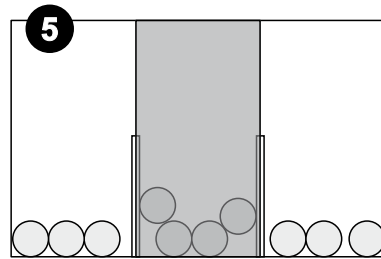
2 1 7



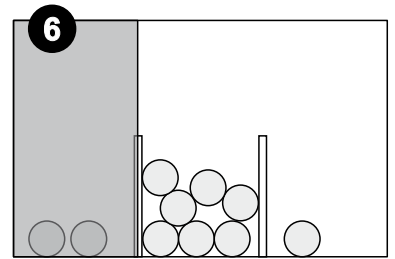
5 2 3



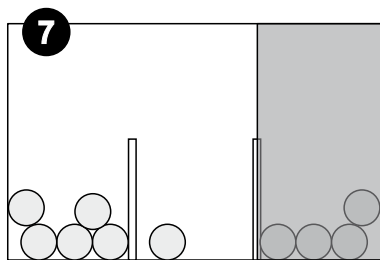
6 1 3



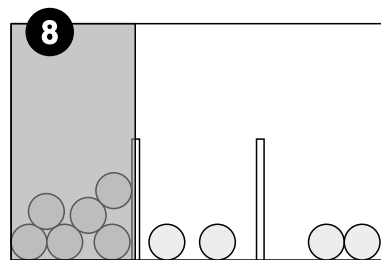
3 4 3



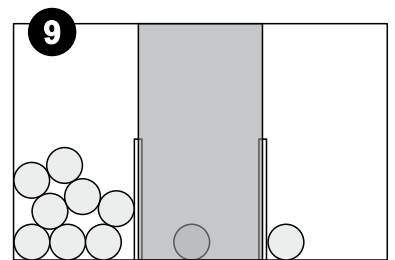
2 7 1



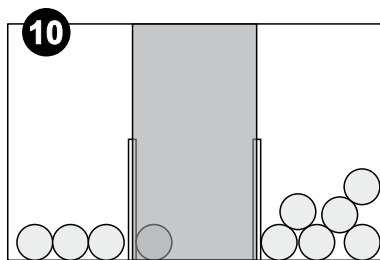
5 1 4



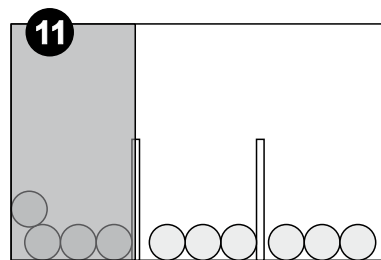
6 2 2



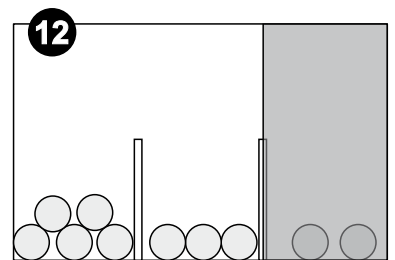
8 1 1



3 1 6



4 3 3



5 3 2



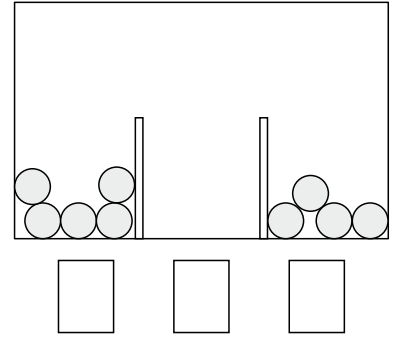
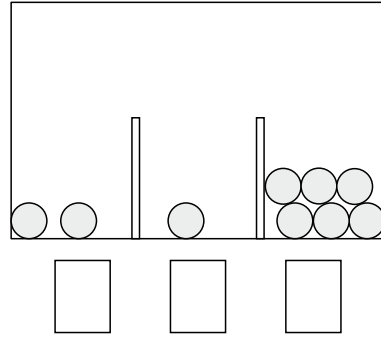
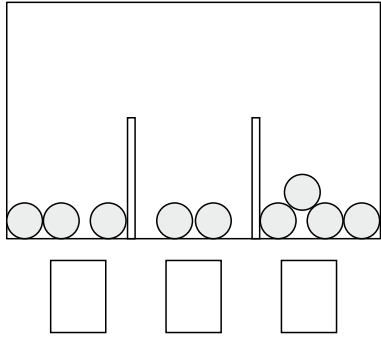
Dein Name: \_\_\_\_\_

# Zerlegungen der Zahl 9

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

1

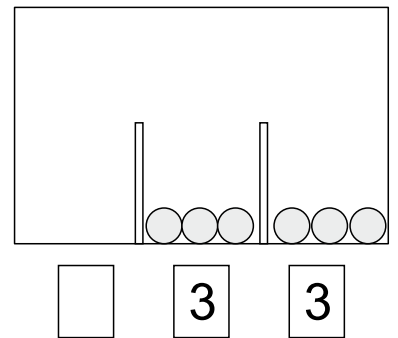
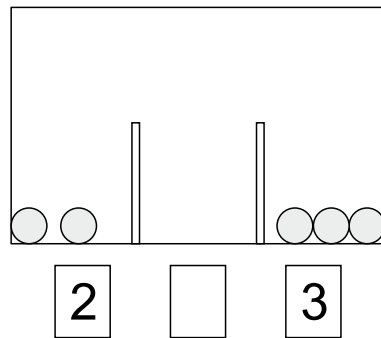
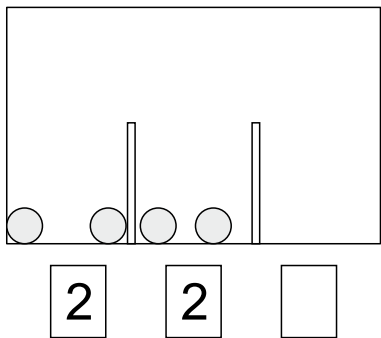
9



Zeichne die fehlenden Kugeln ein und trage die fehlenden Zahlen ein!

2

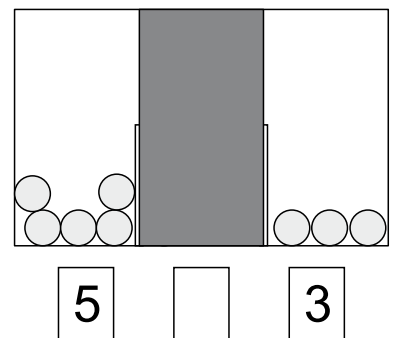
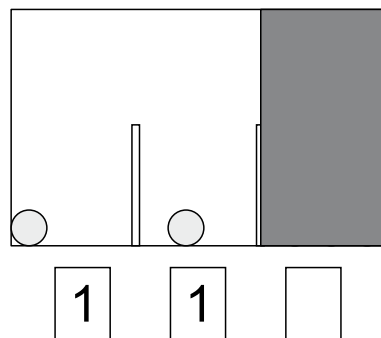
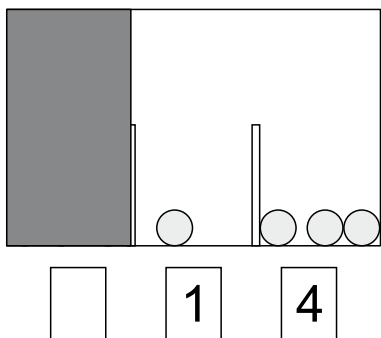
9



Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

3

9





Dein Name: \_\_\_\_\_

# Zerlegungen der Zahl 9

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

**1**

9

3	2	4	2	1	6	5	0	4
---	---	---	---	---	---	---	---	---

Zeichne die fehlenden Kugeln ein und trage die fehlenden Zahlen ein!

**2**

9

2	2	5	2	4	3	3	3	3
---	---	---	---	---	---	---	---	---

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

**3**

9

4	1	4	1	1	7	5	1	3
---	---	---	---	---	---	---	---	---



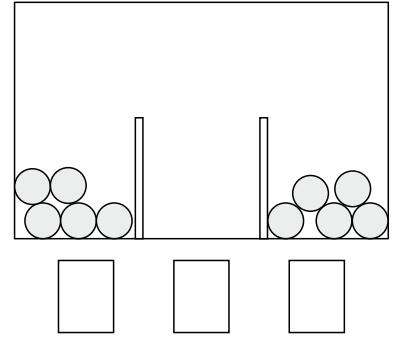
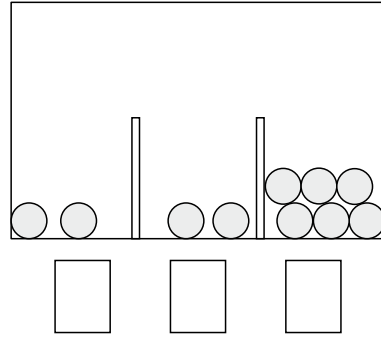
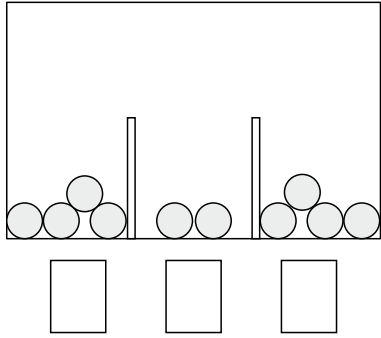
Dein Name: \_\_\_\_\_

# Zerlegungen der Zahl 10

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

1

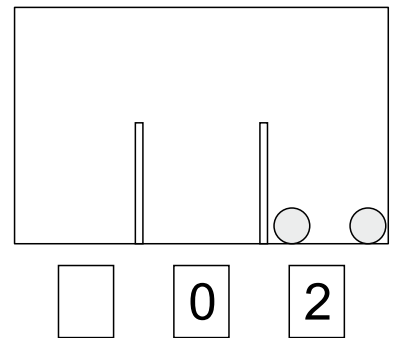
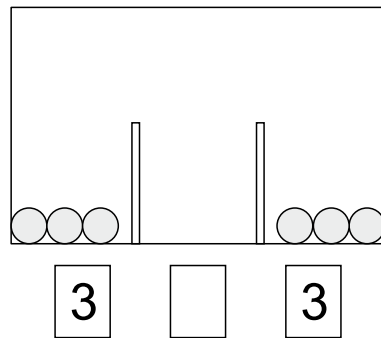
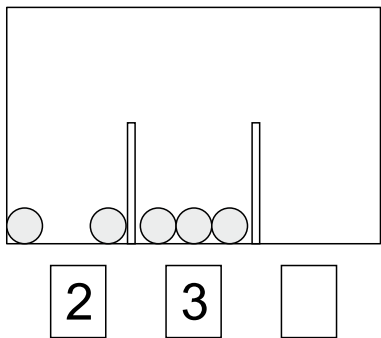
10



Zeichne die fehlenden Kugeln ein und trage die fehlenden Zahlen ein!

2

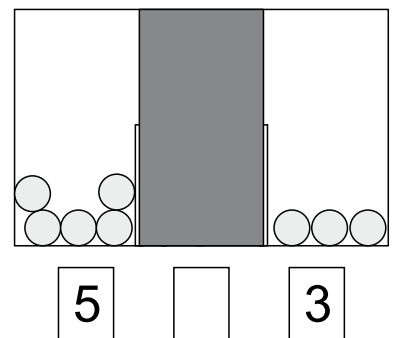
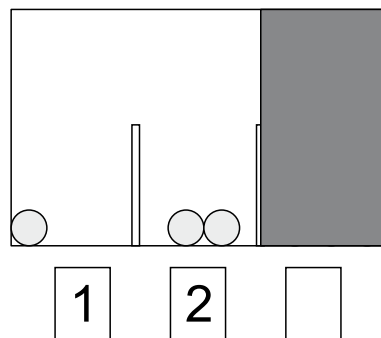
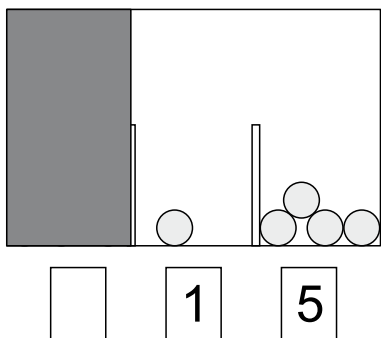
10



Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

3

10





Dein Name: \_\_\_\_\_

# Zerlegungen der Zahl 10

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

**1**

10

4   2   4      2   2   6      5   0   5

Zeichne die fehlenden Kugeln ein und trage die fehlenden Zahlen ein!

**2**

10

2   3   5      3   4   3      8   0   2

Schreibe die Zahlen für die Teilmengen in die zugehörigen Felder!

**3**

10

4   1   5      1   2   7      5   2   3

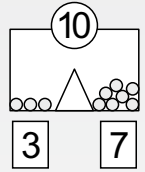




Dein Name: \_\_\_\_\_

# Ergebnisprotokoll Zahlenzerlegungen

Schreibe die Zerlegungszahl in den Kreis über der Multi-Split-Schüttelbox!  
Zeichne die Ergebnisse nach dem Schütteln in die Abbildungen hinein!  
Schreibe die Zahlen der Teilmengen in die zugehörigen Felder!



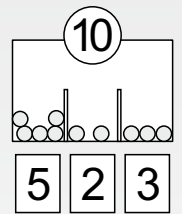
<b>1</b> 	<b>2</b> 	<b>3</b> 
<b>4</b> 	<b>5</b> 	<b>6</b> 
<b>7</b> 	<b>8</b> 	<b>9</b> 
<b>10</b> 	<b>11</b> 	<b>12</b> 



Dein Name: \_\_\_\_\_

# Ergebnisprotokoll Zahlenzerlegungen

Schreibe die Zerlegungszahl in den Kreis über der Multi-Split-Schüttelbox!  
Zeichne die Ergebnisse nach dem Schütteln in die Abbildungen hinein!  
Schreibe die Zahlen der Teilmengen in die zugehörigen Felder!



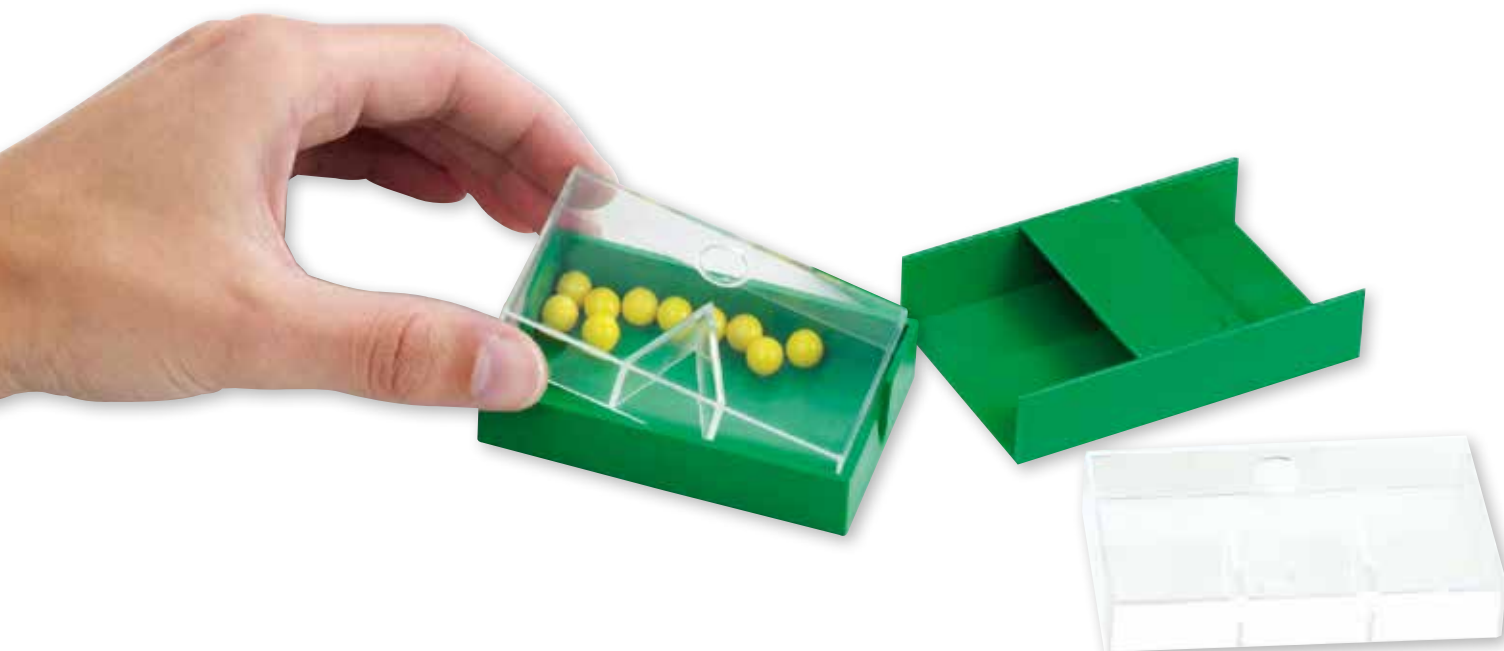
<b>1</b>		<b>2</b>		<b>3</b>	
<b>4</b>		<b>5</b>		<b>6</b>	
<b>7</b>		<b>8</b>		<b>9</b>	
<b>10</b>		<b>11</b>		<b>12</b>	



Michael Junga

# Unterrichtsideen und Kopiervorlagen: Zerlegungsübungen mit dem Multi-Split

Nr./Art. 86211



24 Blätter mit Übungen rund ums Rechnen mit dem Multi-Split.  
Die Lösungen sind immer auf der Rückseite abgedruckt.  
Geeignet für Rechenkinder ab Klasse 1.  
Nr./Art. 86211

## Kopierrecht für eine Schule

Mit dem Kauf der beiliegenden Kopiervorlagen haben Sie das Kopierrecht für eine Schule erworben. Jede weitere Vervielfältigung ohne ausdrückliche Genehmigung des Verlages ist unzulässig. Jegliche weitere Veröffentlichung, insbesondere durch das Internet, ist untersagt und führt zu Schadensersatzforderungen.

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