

Kopiervorlagen

Malquartett: Punktebilder

Daniela Götze und Nicole Seidel

November 2021



Dieses Material wurde durch Daniela Götze und Nicole Seidel konzipiert. Es basiert auf einer Idee aus dem Projekt Mathe inklusiv mit Pikas (vgl. <https://pikas-mi.dzlm.de/node/637>). Es kann unter der Creative Commons Lizenz BY-SA (Namensnennung – Weitergabe unter gleichen Bedingungen) 4.0 International weiterverwendet werden.

Zitierbar als

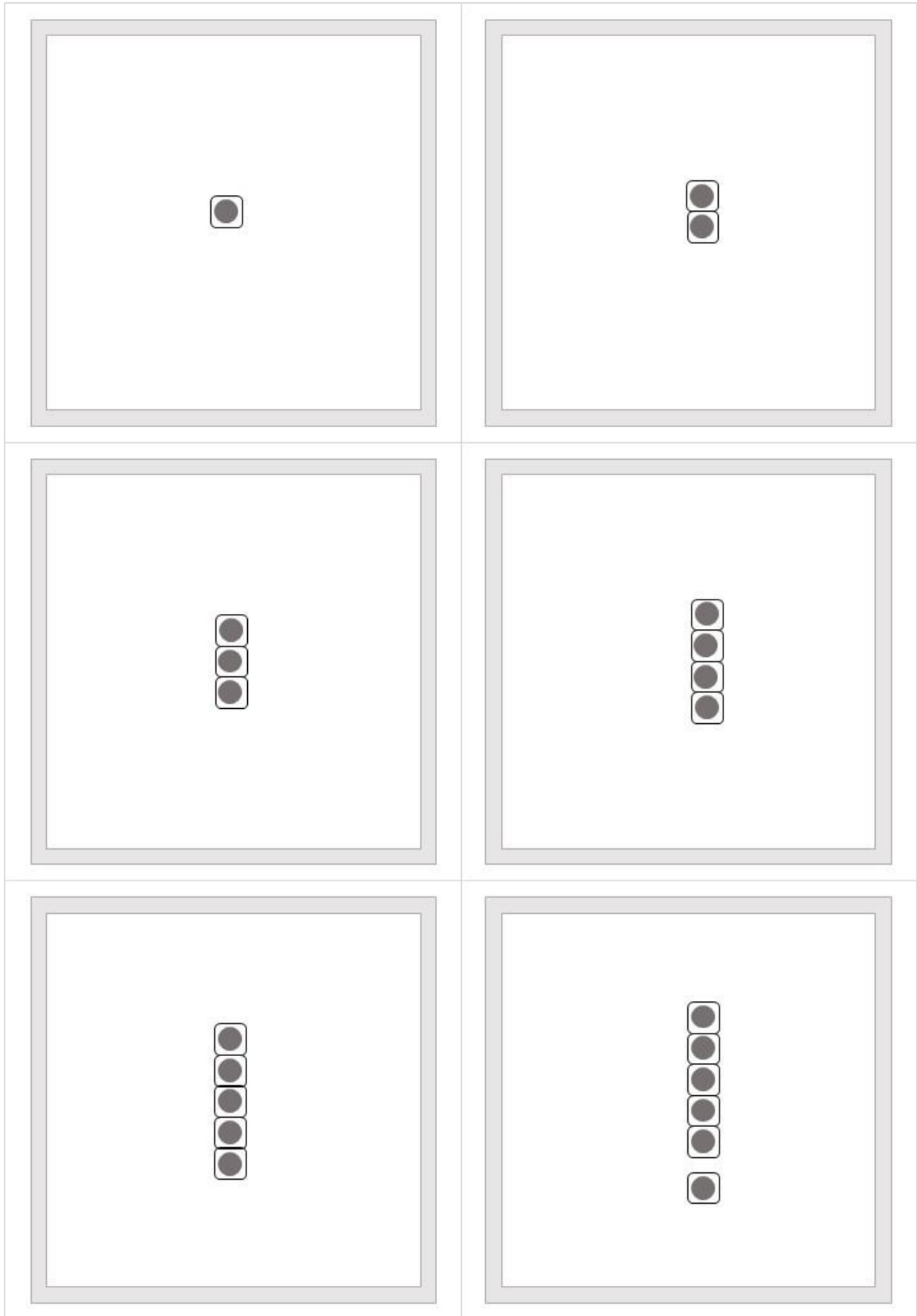
Götze, D. & Seidel, N. (2021). Malquartett: Punktebilder. Open Educational Resources. Online frei zugreifbar unter <https://maco.dzlm.de/node/80>.

Projektherkunft

Dieses Fördermaterial ist ursprünglich entstanden im Rahmen des Projekts Mathe inklusiv mit Pikas. Es wurde für das Projekt Mathematik aufholen nach Corona adaptiert und auch im Projekt QuaMath weiter genutzt (beide Projekte gemeinsam von den Ländern finanziert).

Hinweis zu verwandtem Material

Ein Erklärvideo für Lernende und ein Video für Lehrkräfte zum didaktischen Hintergrund sind in Planung.



1 Einer

2 Einer

3 Einer

4 Einer

5 Einer

6 Einer

$$1 \cdot 1$$

$$2 \cdot 1$$

$$3 \cdot 1$$

$$4 \cdot 1$$

$$5 \cdot 1$$

$$6 \cdot 1$$

1

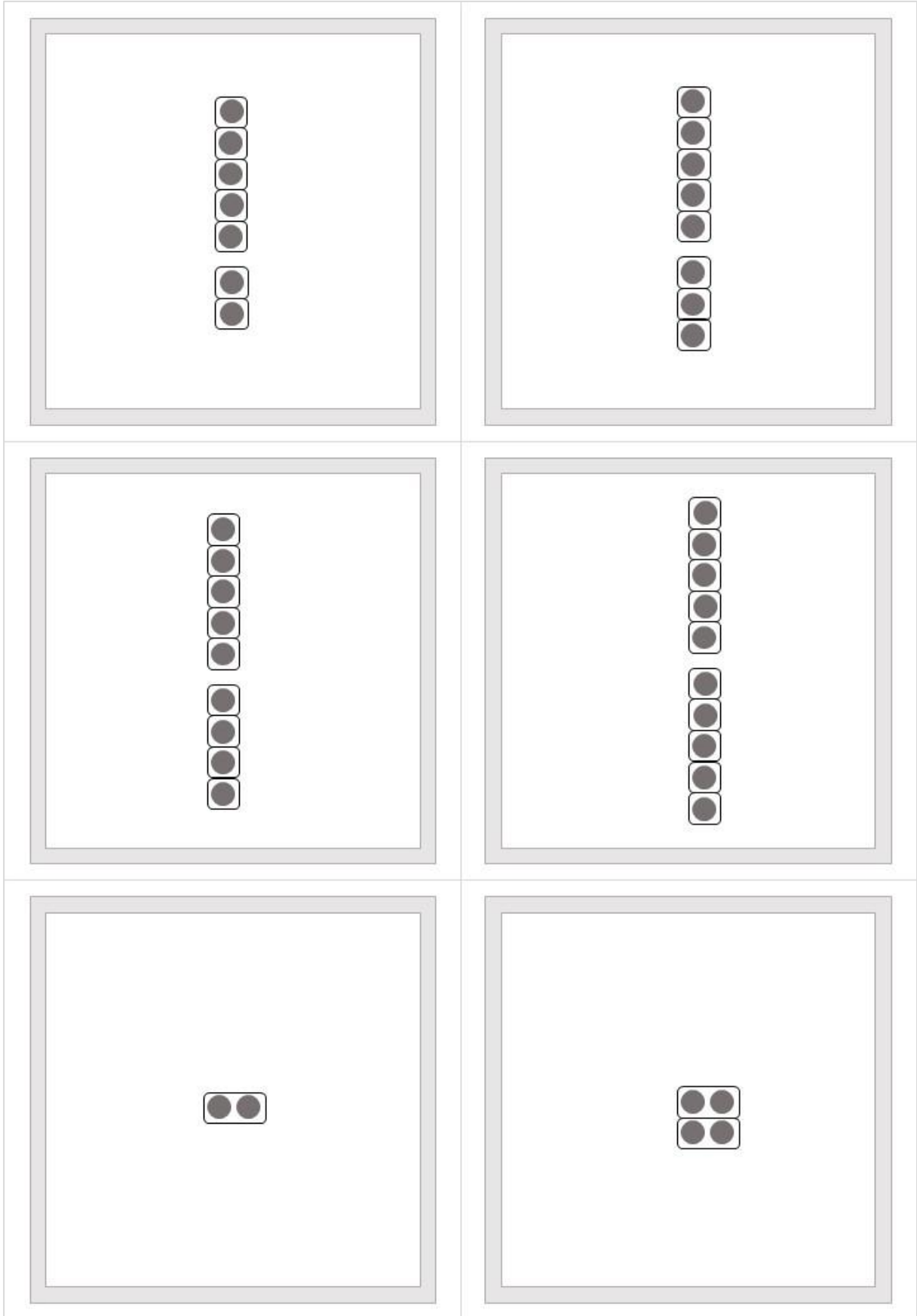
2

3

4

5

6



7 Einer

8 Einer

9 Einer

10 Einer

1 Zweier

2 Zweier

$$7 \cdot 1$$

$$8 \cdot 1$$

$$9 \cdot 1$$

$$10 \cdot 1$$

$$1 \cdot 2$$

$$2 \cdot 2$$

7

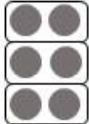

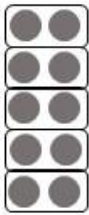
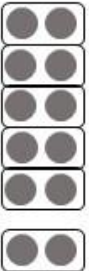


8

9

10

2

4

3 Zweier

4 Zweier

5 Zweier

6 Zweier

7 Zweier

8 Zweier

$$3 \cdot 2$$

$$4 \cdot 2$$

$$5 \cdot 2$$

$$6 \cdot 2$$

$$7 \cdot 2$$

$$8 \cdot 2$$

6

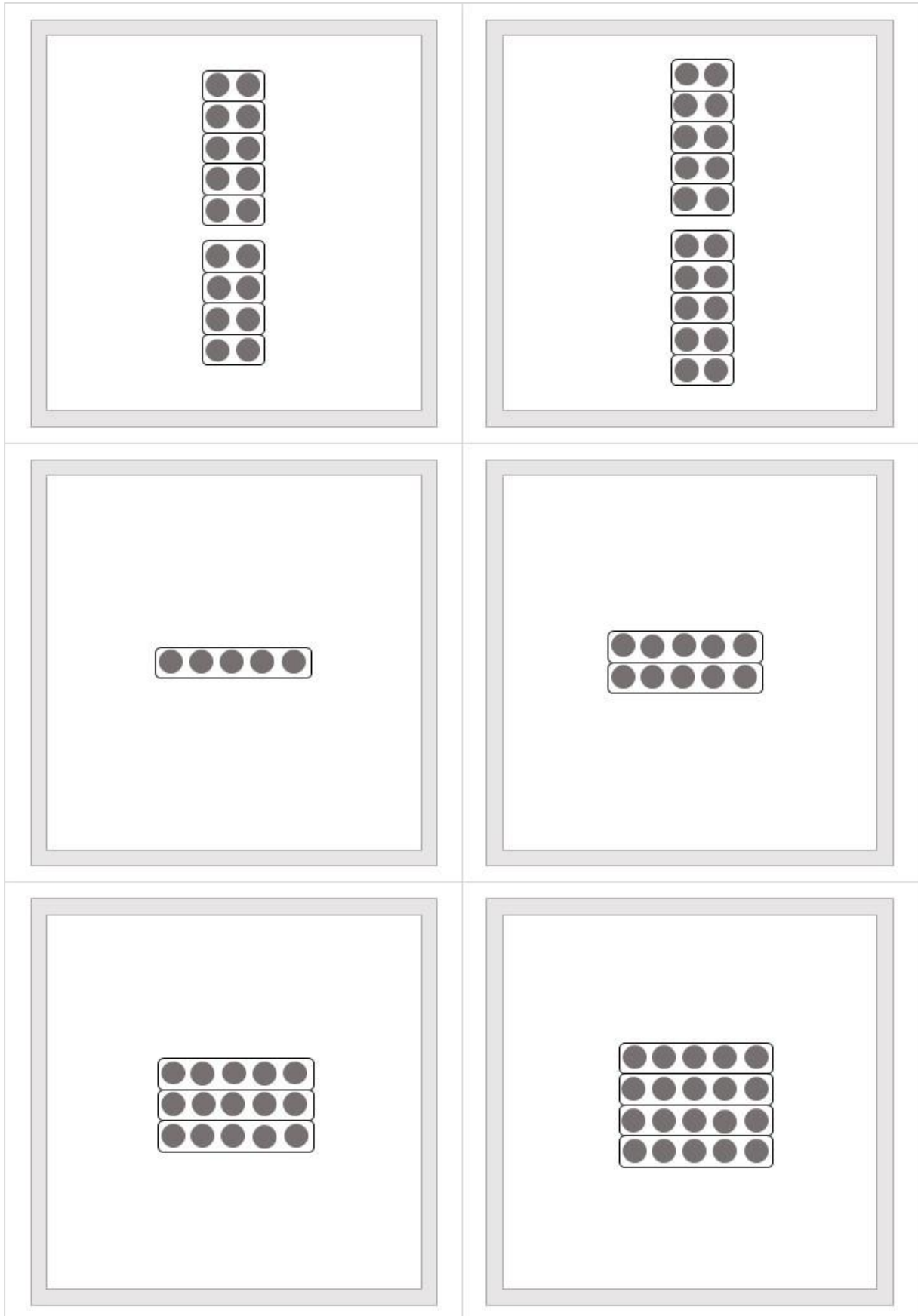
8

10

12

14

16



9 Zweier

10 Zweier

1 Fünfer

2 Fünfer

3 Fünfer

4 Fünfer

$$9 \cdot 2$$

$$10 \cdot 2$$

$$1 \cdot 5$$

$$2 \cdot 5$$

$$3 \cdot 5$$

$$4 \cdot 5$$

18

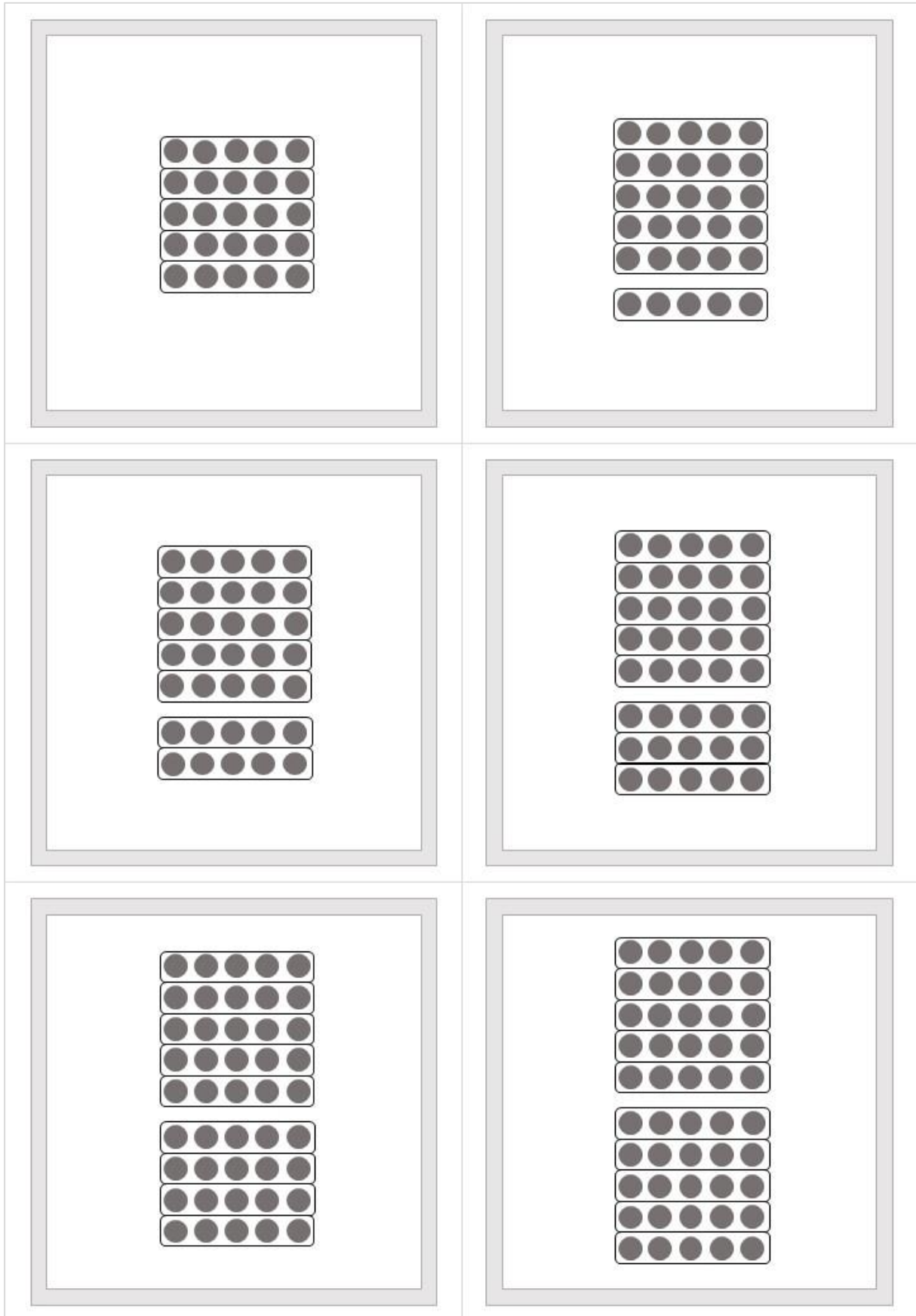
20

5

10

15

20



5 Fünfer

6 Fünfer

7 Fünfer

8 Fünfer

9 Fünfer

10 Fünfer

$$5 \cdot 5$$

$$6 \cdot 5$$

$$7 \cdot 5$$

$$8 \cdot 5$$

$$9 \cdot 5$$

$$10 \cdot 5$$

25

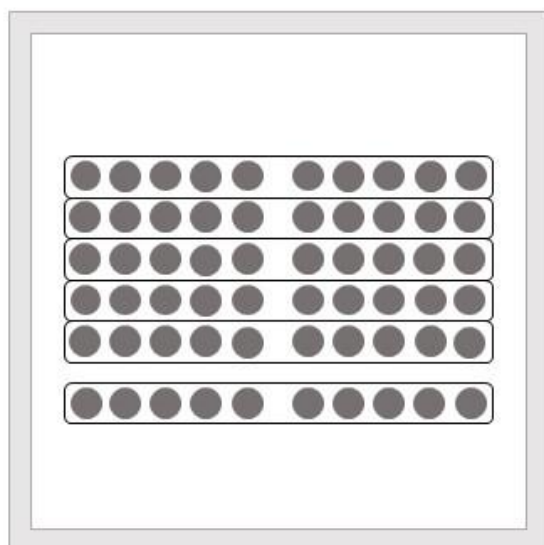
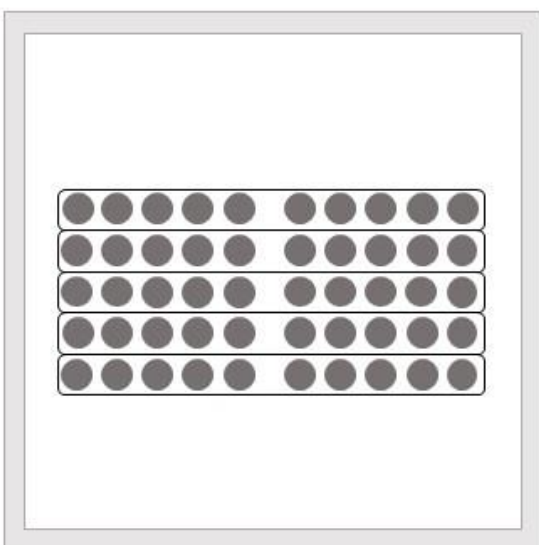
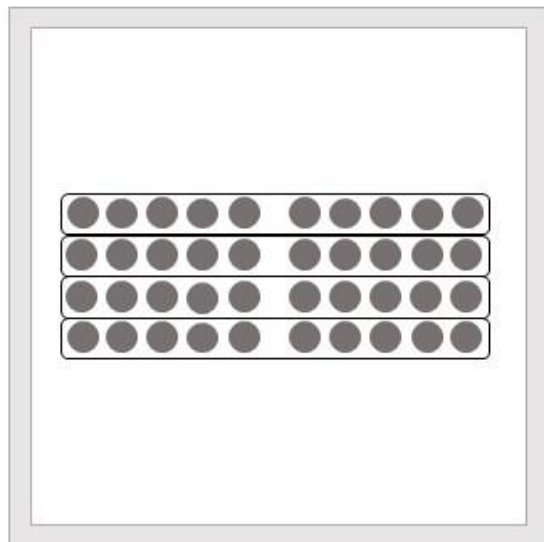
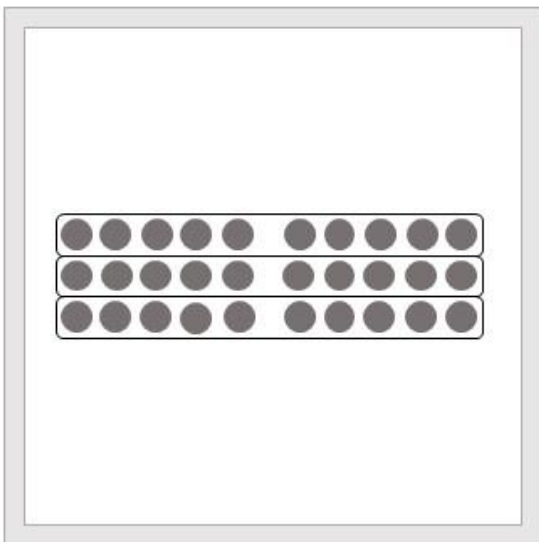
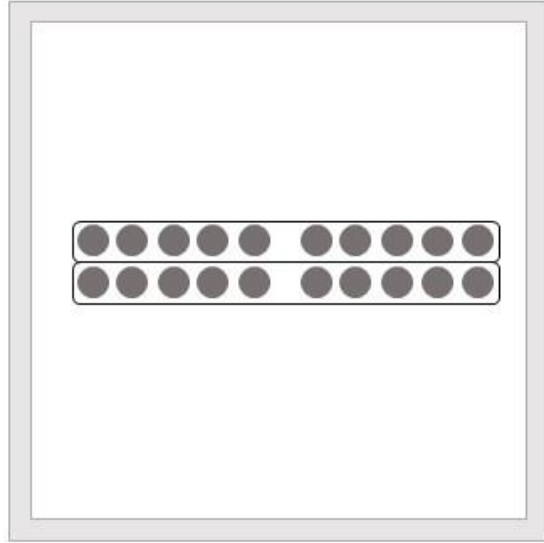
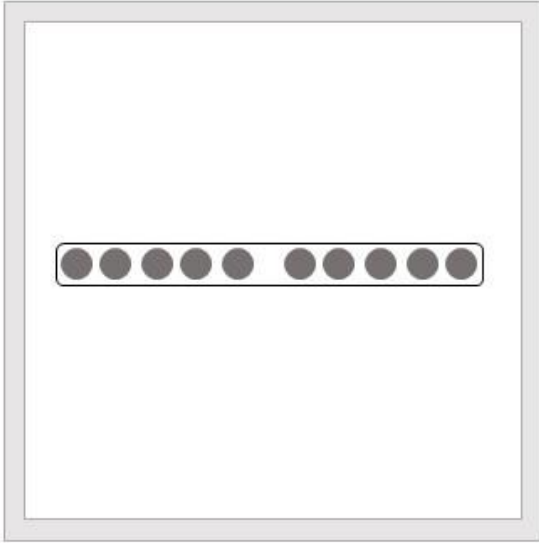
30

35

40

45

50



1 Zehner

2 Zehner

3 Zehner

4 Zehner

5 Zehner

6 Zehner

$$1 \cdot 10$$

$$2 \cdot 10$$

$$3 \cdot 10$$

$$4 \cdot 10$$

$$5 \cdot 10$$

$$6 \cdot 10$$

10

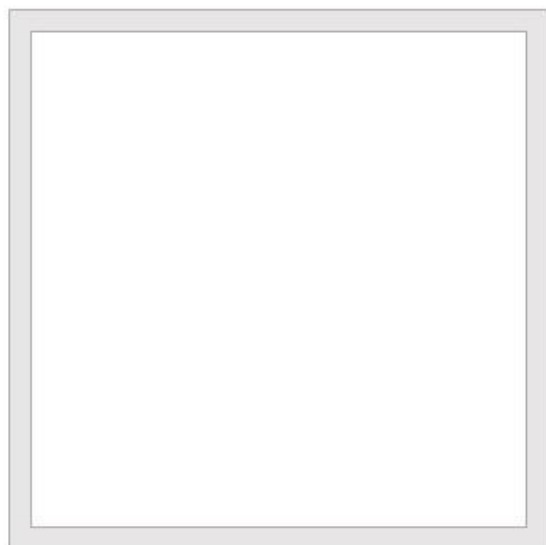
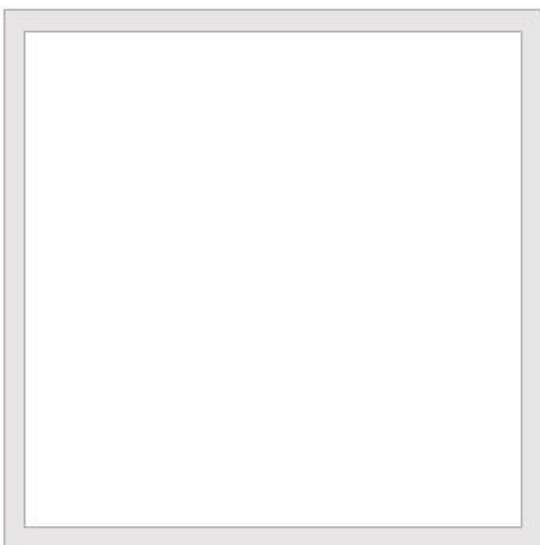
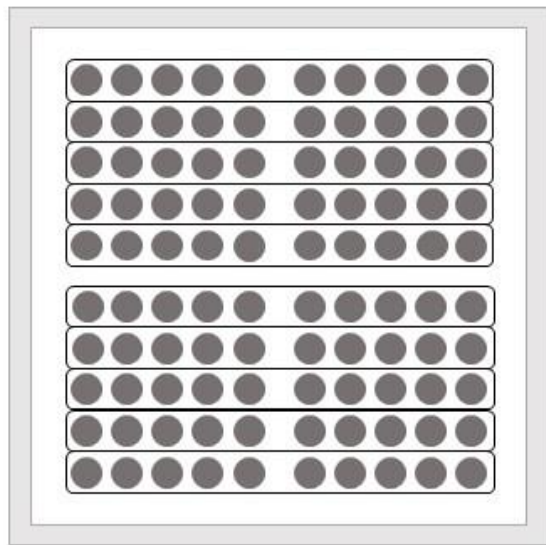
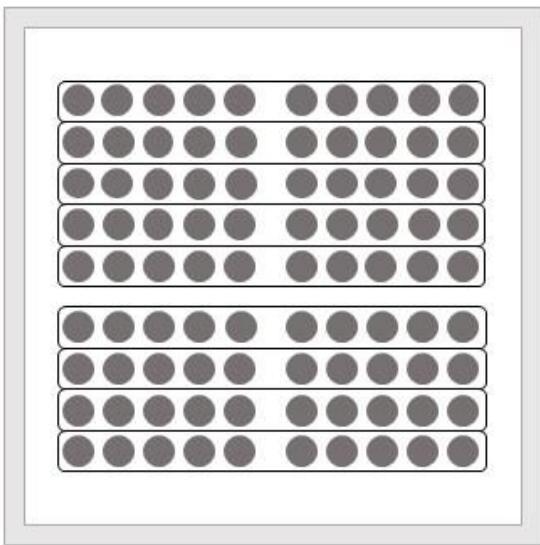
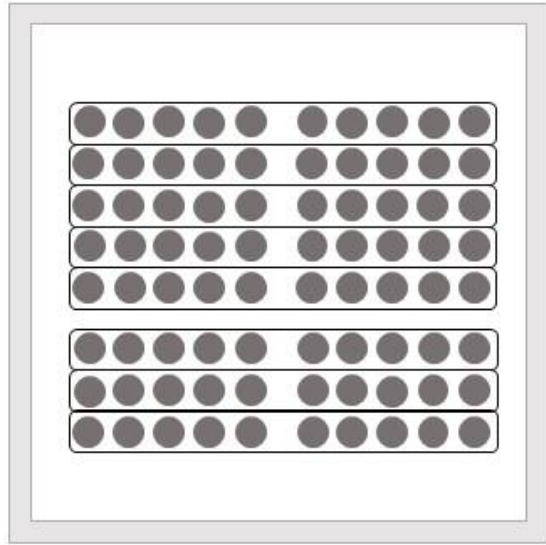
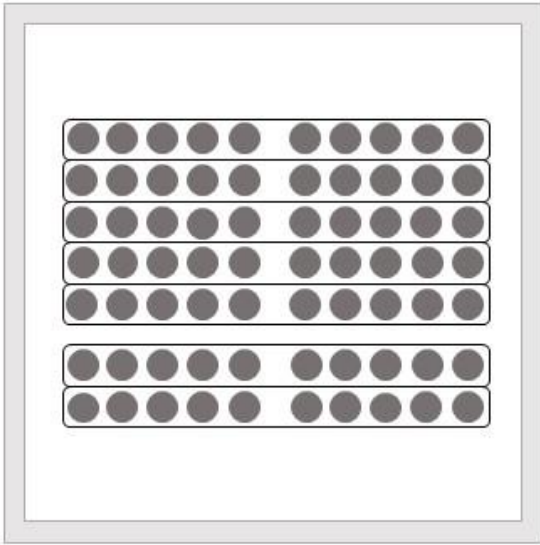
20

30

40

50

60



7 Zehner

8 Zehner

9 Zehner

10 Zehner

$$7 \cdot 10$$

$$8 \cdot 10$$

$$9 \cdot 10$$

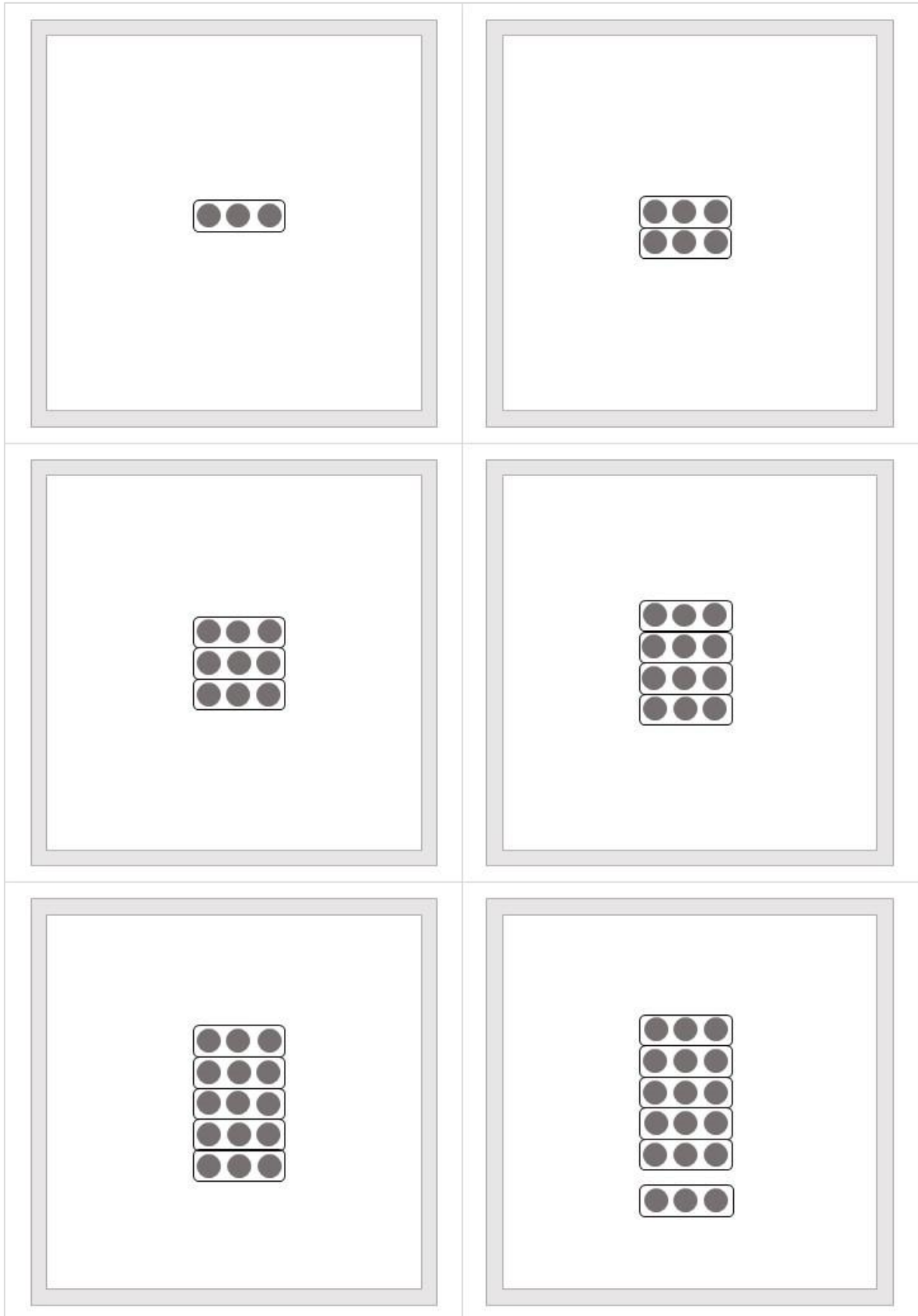
$$10 \cdot 10$$

70

80

90

100



1 Dreier

2 Dreier

3 Dreier

4 Dreier

5 Dreier

6 Dreier

$$1 \cdot 3$$

$$2 \cdot 3$$

$$3 \cdot 3$$

$$4 \cdot 3$$

$$5 \cdot 3$$

$$6 \cdot 3$$

3

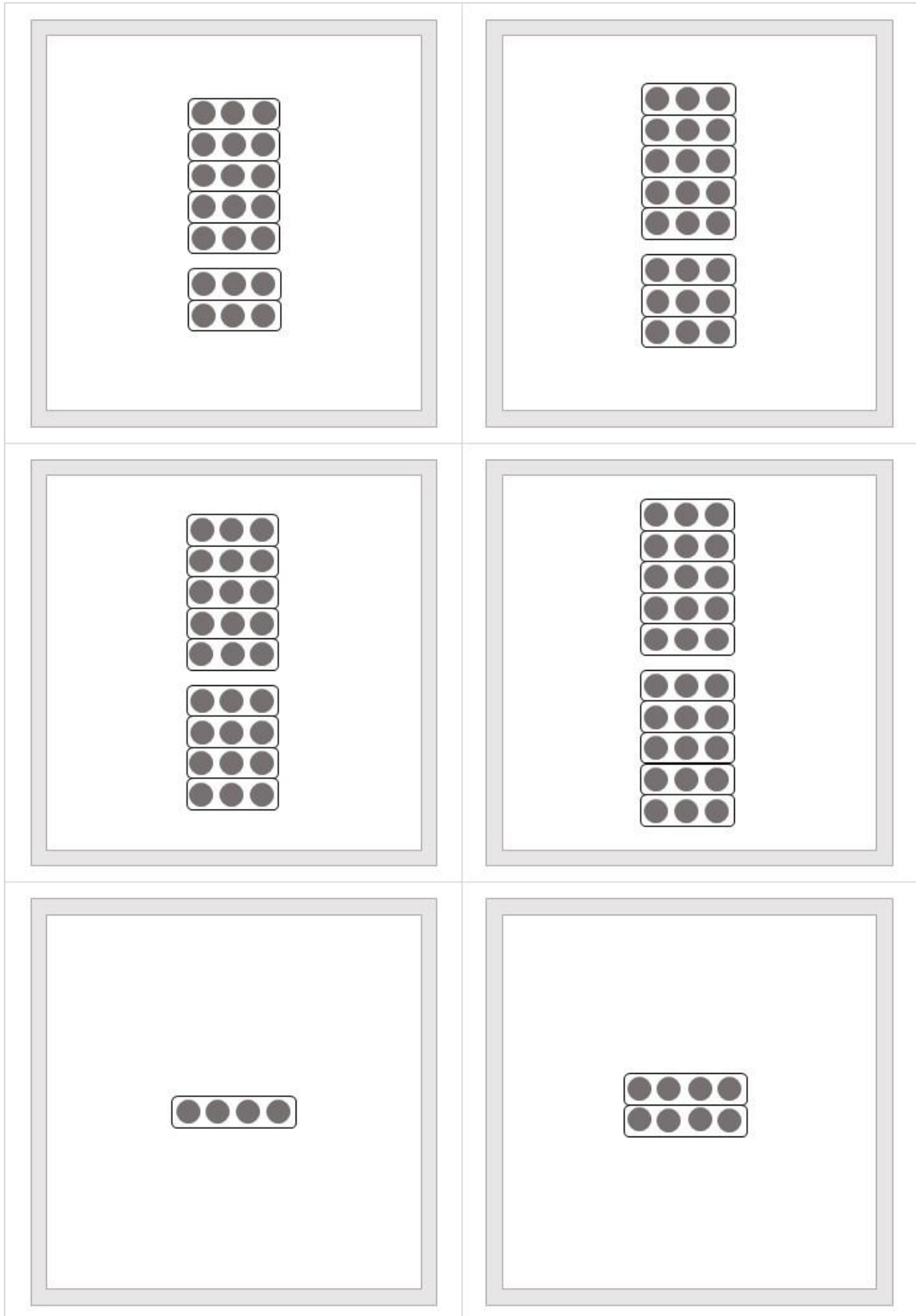
6

9

12

15

18



7 Dreier

8 Dreier

9 Dreier

10 Dreier

1 Vierer

2 Vierer

$$7 \cdot 3$$

$$8 \cdot 3$$

$$9 \cdot 3$$

$$10 \cdot 3$$

$$1 \cdot 4$$

$$2 \cdot 4$$

21

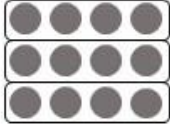
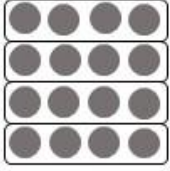
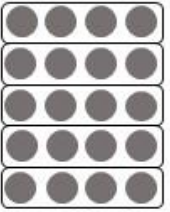
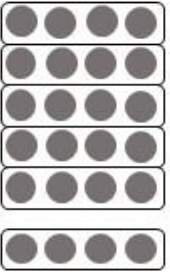
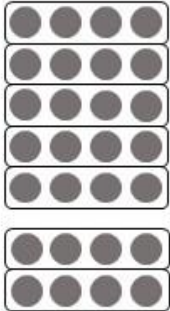
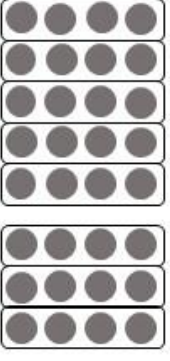
24

27

30

4

8

3 Vierer

4 Vierer

5 Vierer

6 Vierer

7 Vierer

8 Vierer

$$3 \cdot 4$$

$$4 \cdot 4$$

$$5 \cdot 4$$

$$6 \cdot 4$$

$$7 \cdot 4$$

$$8 \cdot 4$$

12

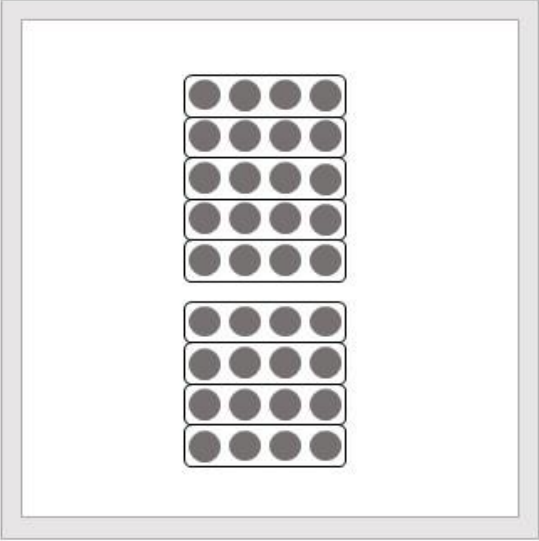
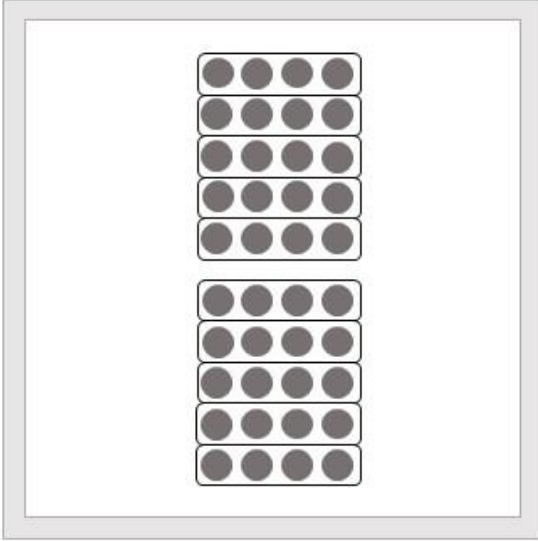
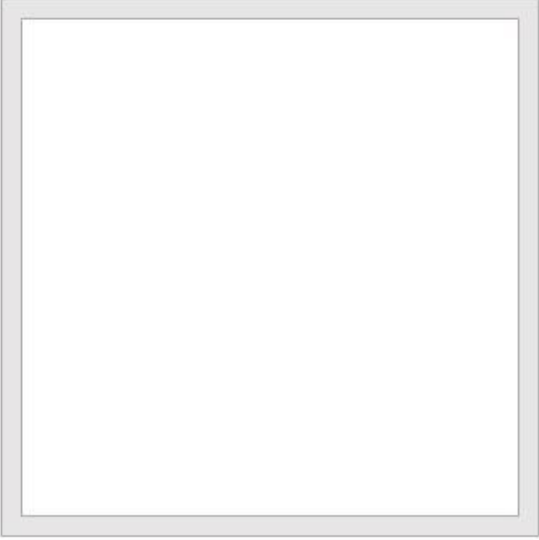
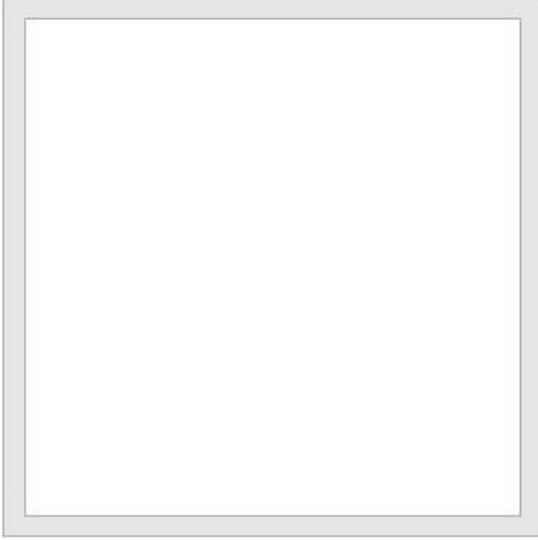
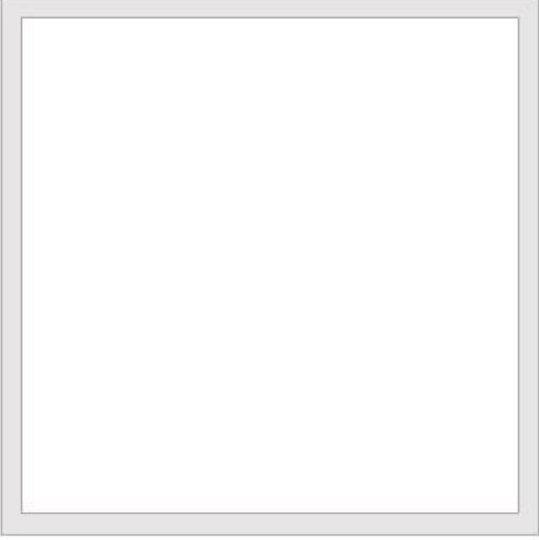
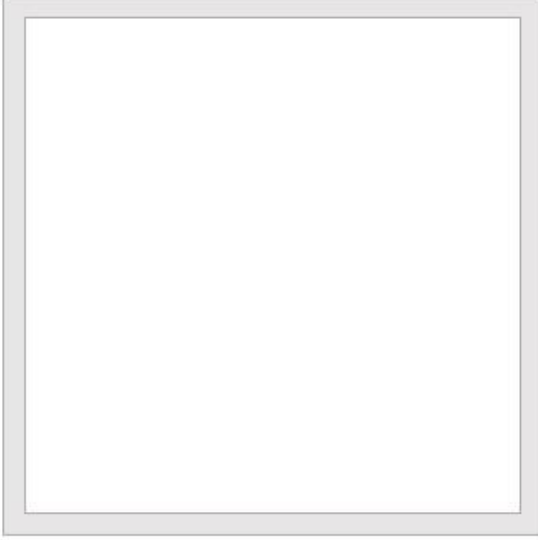
16

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28

32

9 Vierer

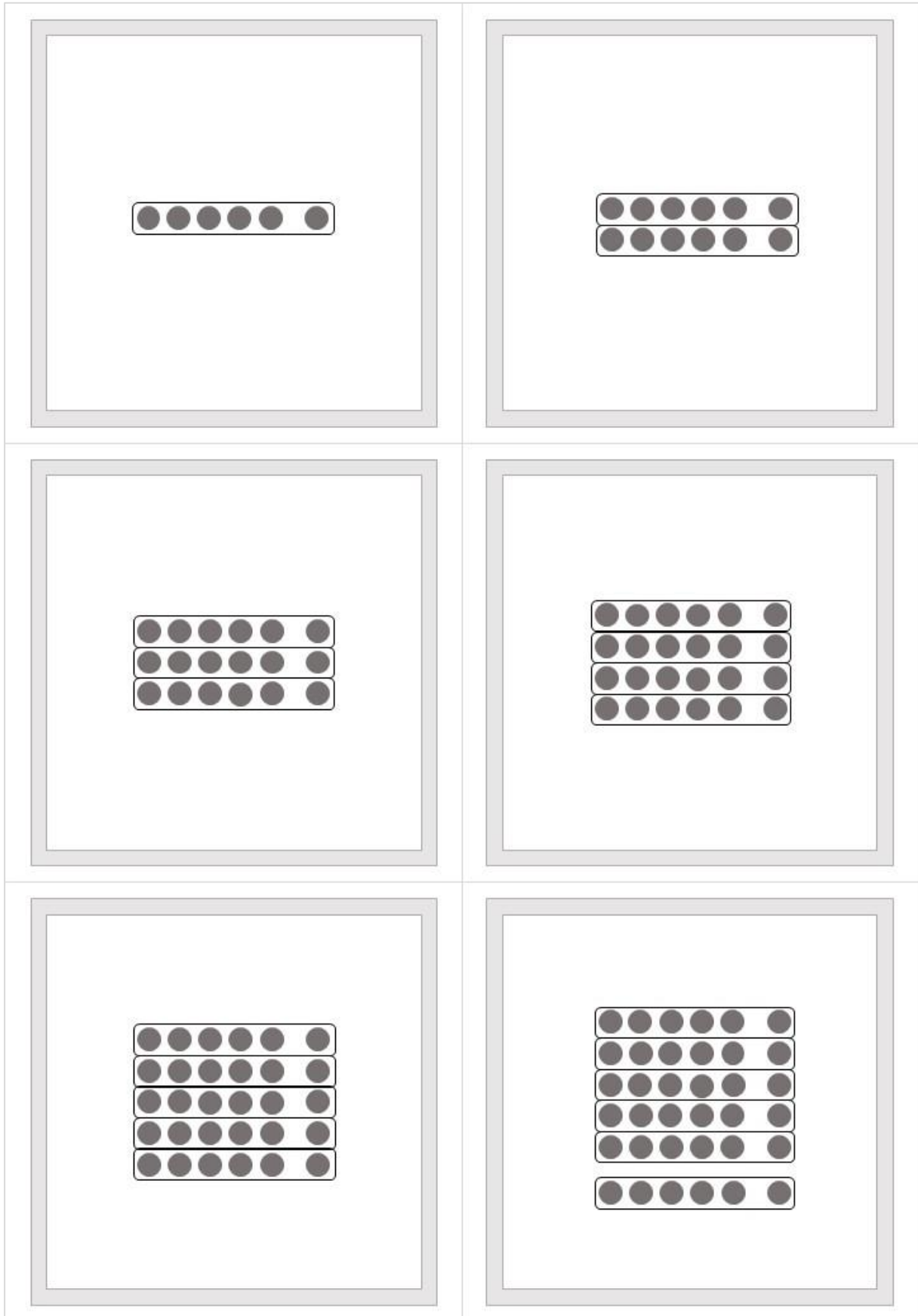
10 Vierer

$$9 \cdot 4$$

$$10 \cdot 4$$

36

40



1 Sechser

2 Sechser

3 Sechser

4 Sechser

5 Sechser

6 Sechser

$$1 \cdot 6$$

$$2 \cdot 6$$

$$3 \cdot 6$$

$$4 \cdot 6$$

$$5 \cdot 6$$

$$6 \cdot 6$$

6

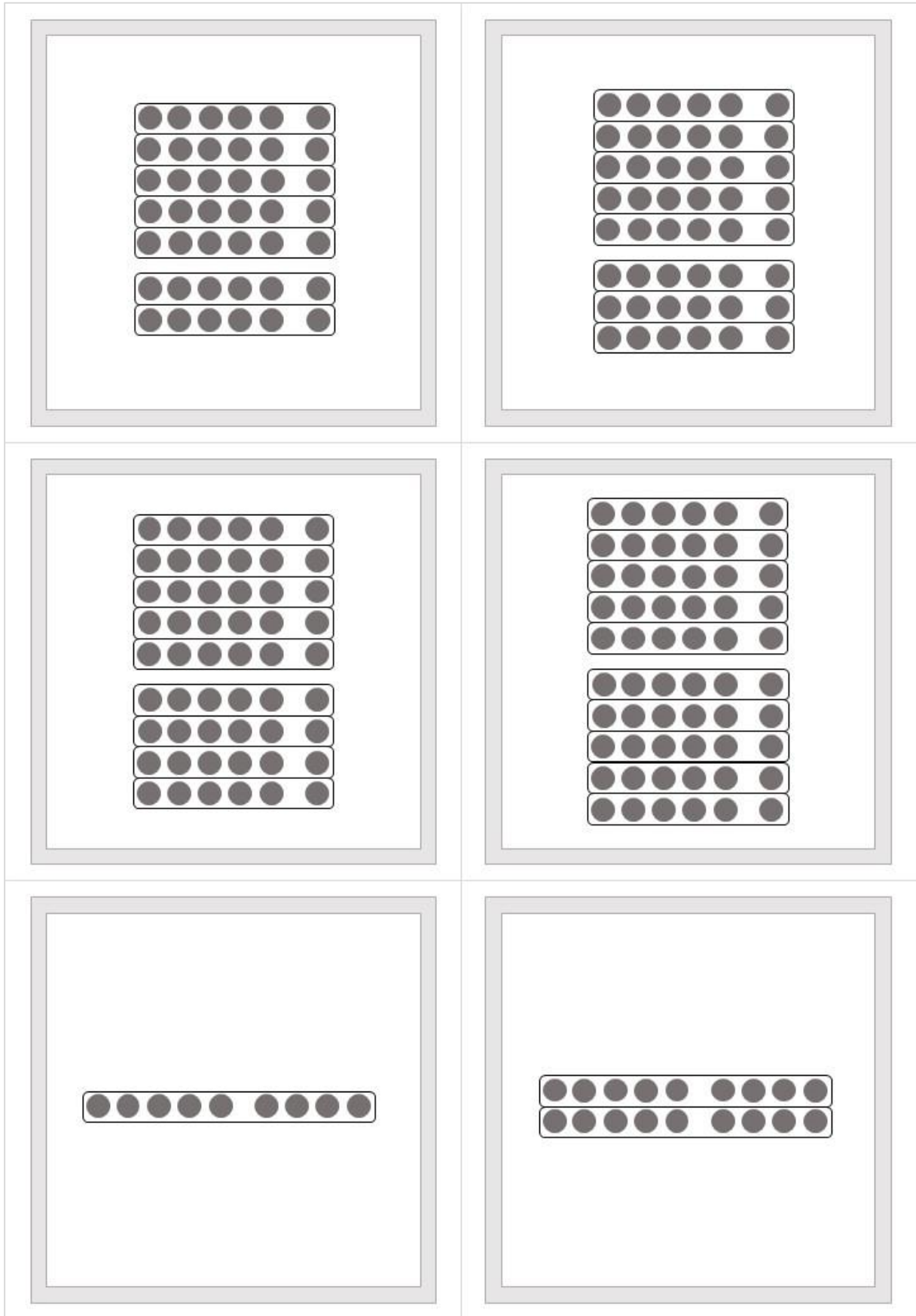
12

18

24

30

36



7 Sechser

8 Sechser

9 Sechser

10 Sechser

1 Neuner

2 Neuner

$$7 \cdot 6$$

$$8 \cdot 6$$

$$9 \cdot 6$$

$$10 \cdot 6$$

$$1 \cdot 9$$

$$2 \cdot 9$$

42

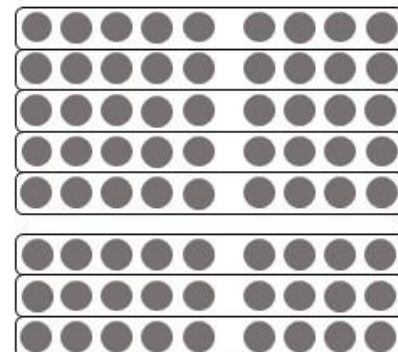
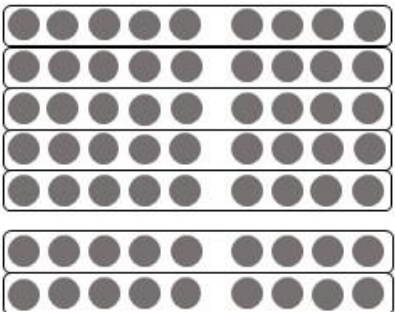
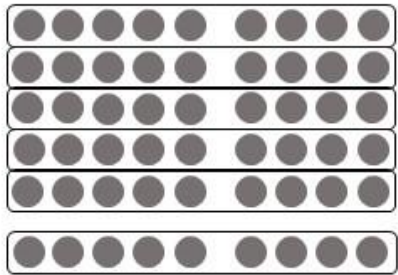
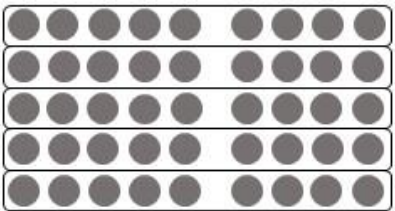
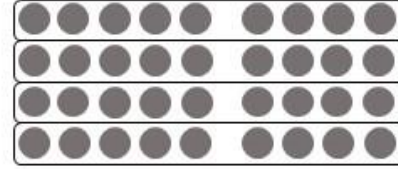
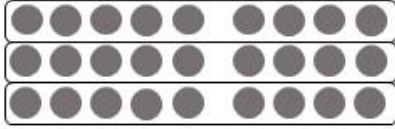
48

54

60

9

18



3 Neuner

4 Neuner

5 Neuner

6 Neuner

7 Neuner

8 Neuner

$$3 \cdot 9$$

$$4 \cdot 9$$

$$5 \cdot 9$$

$$6 \cdot 9$$

$$7 \cdot 9$$

$$8 \cdot 9$$

27

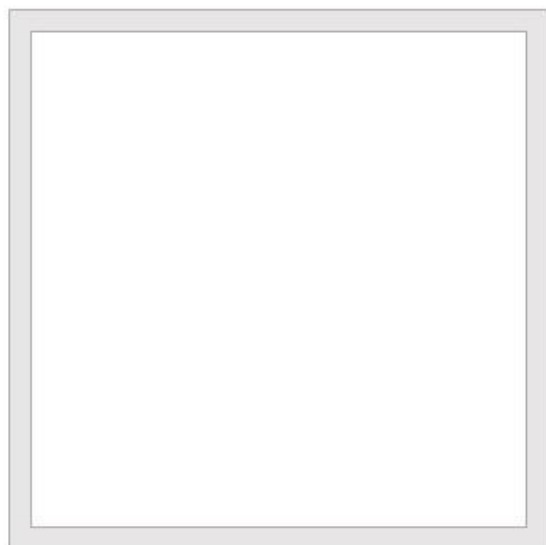
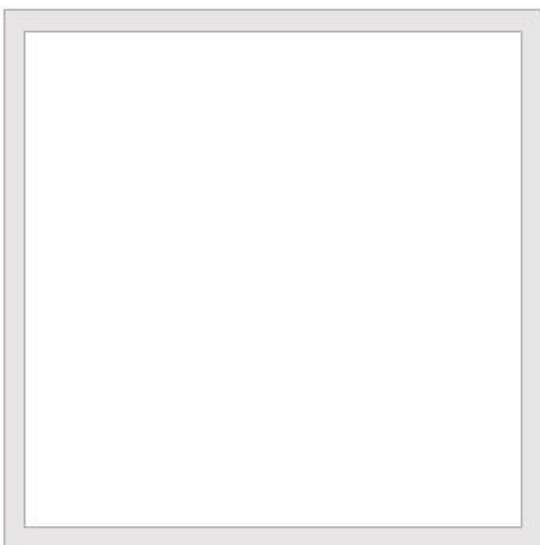
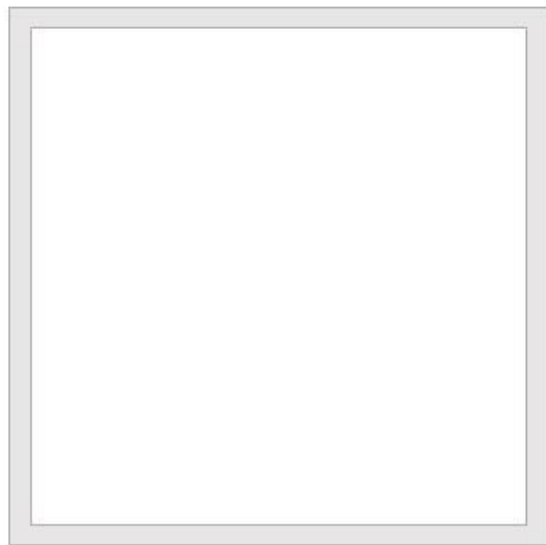
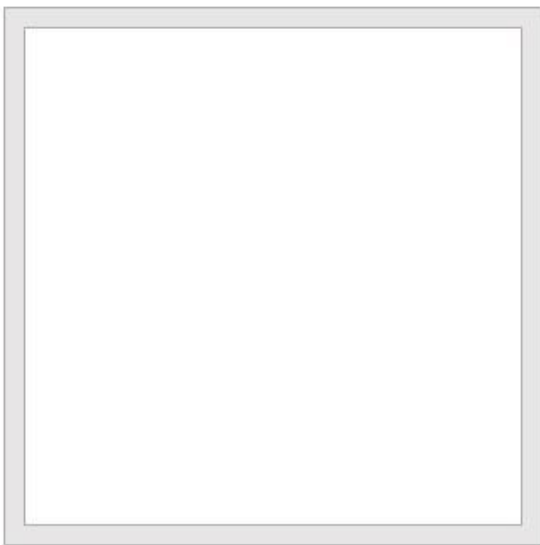
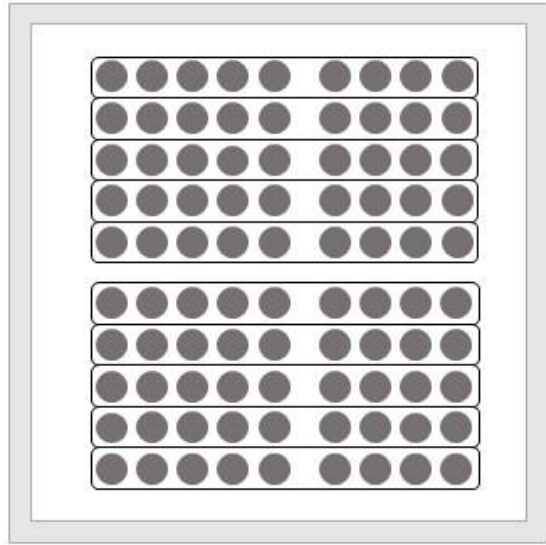
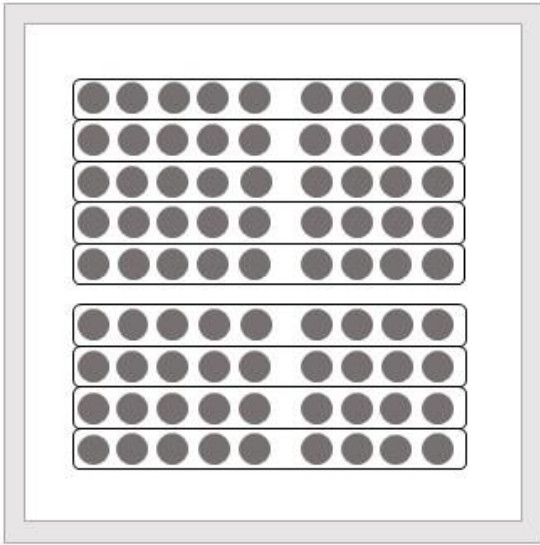
36

45

54

63

72



9 Neuner

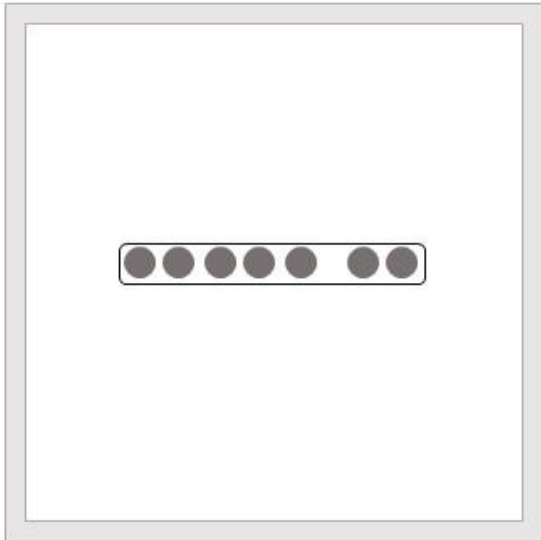
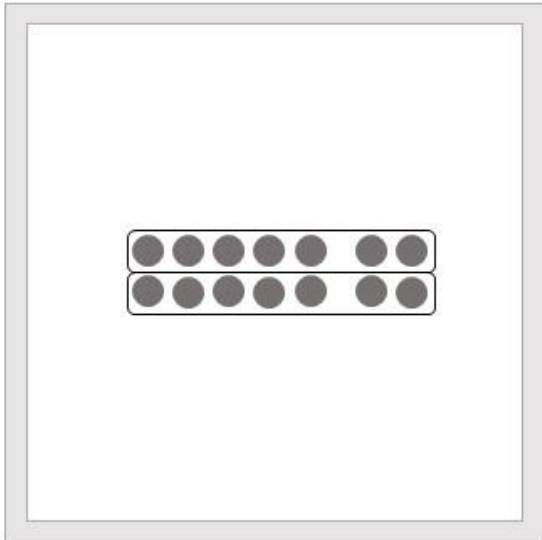
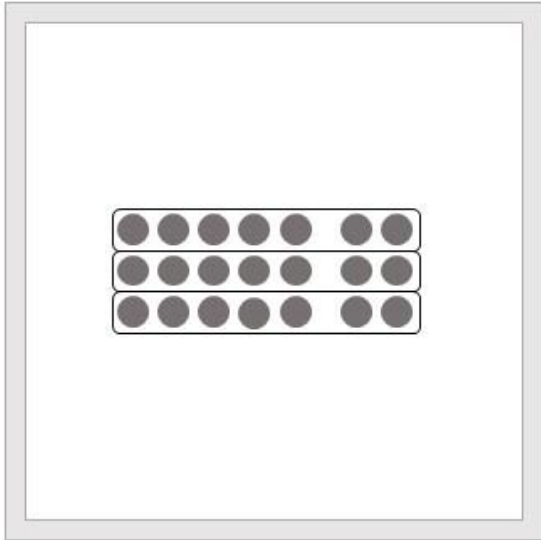
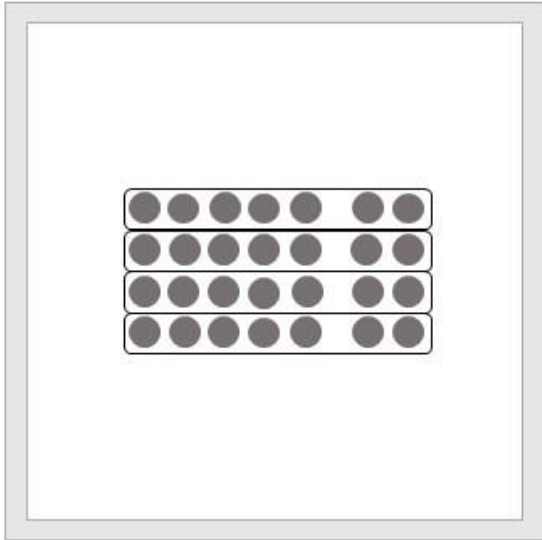
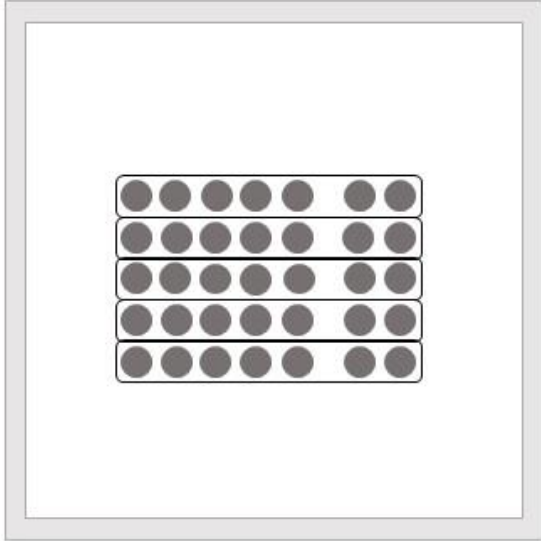
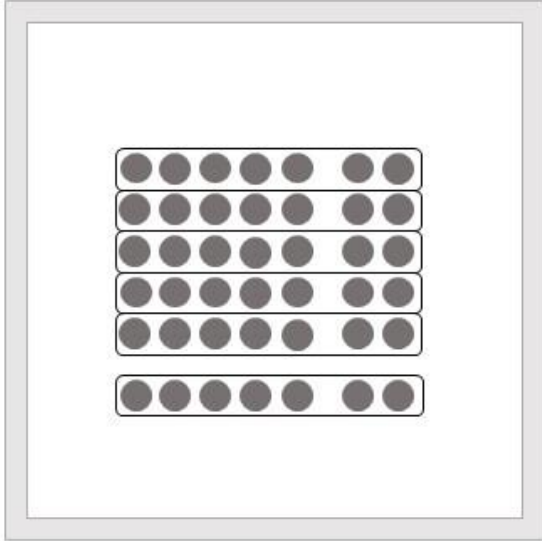
10 Neuner

9 · 9

10 · 9

81

90

1 Siebener

2 Siebener

3 Siebener

4 Siebener

5 Siebener

6 Siebener

$1 \cdot 7$ $2 \cdot 7$ $3 \cdot 7$ $4 \cdot 7$ $5 \cdot 7$ $6 \cdot 7$

7

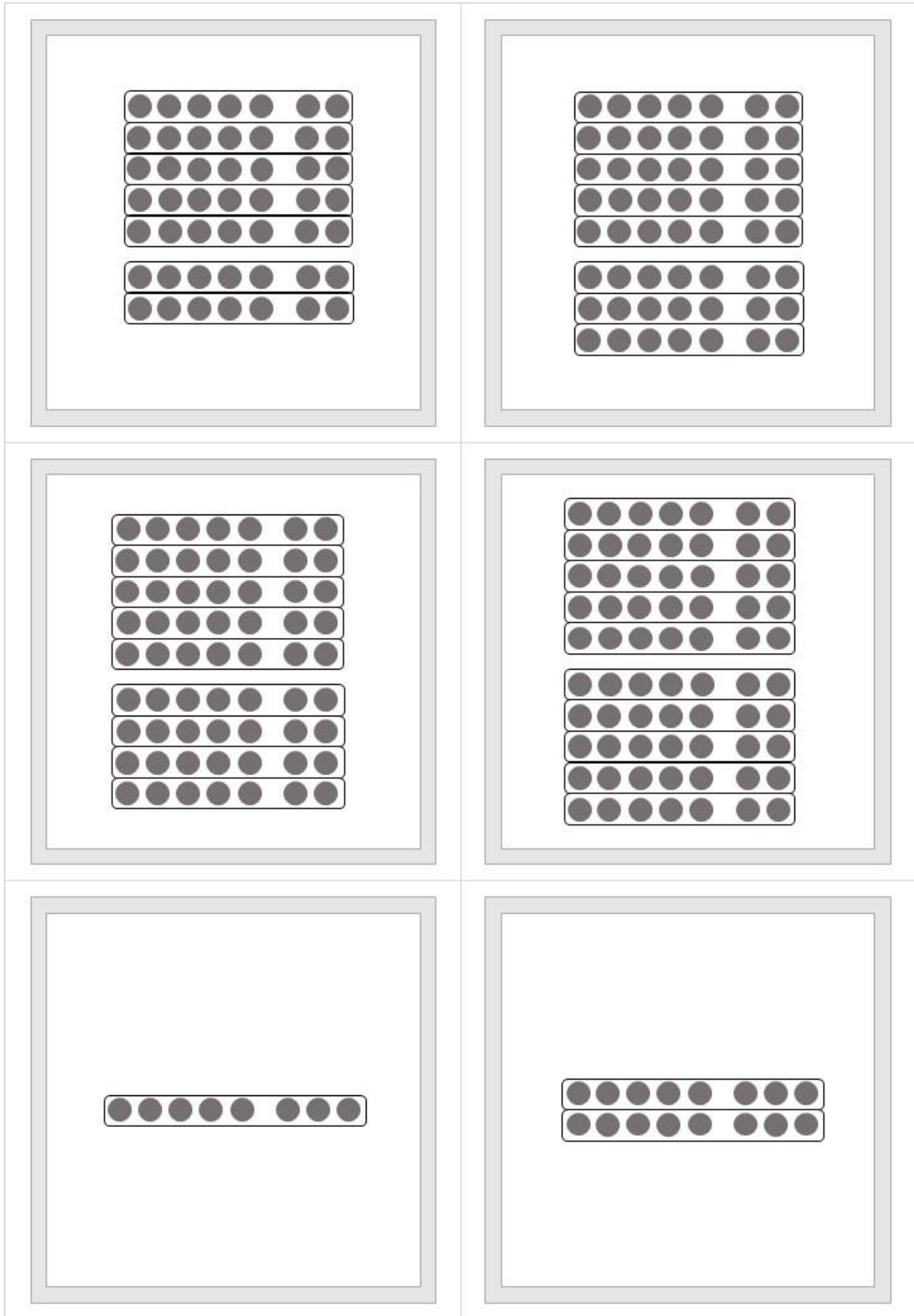
14

21

28

35

42



7 Siebener

8 Siebener

9 Siebener

10 Siebener

1 Achter

2 Achter

$$7 \cdot 7$$

$$8 \cdot 7$$

$$9 \cdot 7$$

$$10 \cdot 7$$

$$1 \cdot 8$$

$$2 \cdot 8$$

49

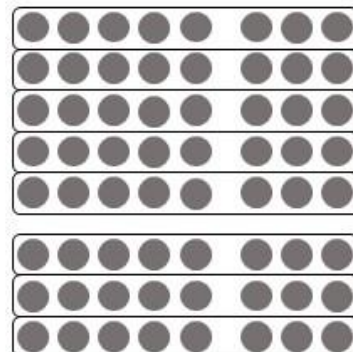
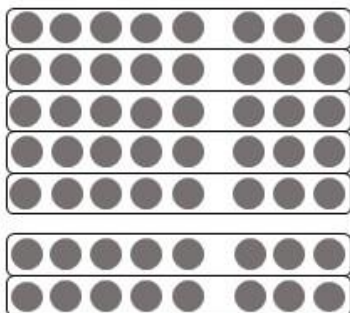
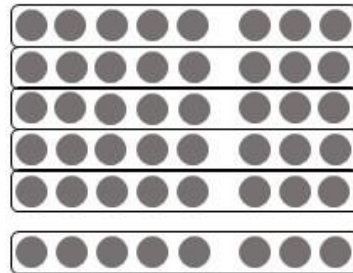
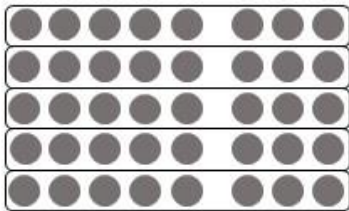
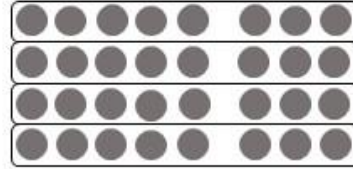
56

63

70

8

16



3 Achter

4 Achter

5 Achter

6 Achter

7 Achter

8 Achter

$$3 \cdot 8$$

$$4 \cdot 8$$

$$5 \cdot 8$$

$$6 \cdot 8$$

$$7 \cdot 8$$

$$8 \cdot 8$$

24

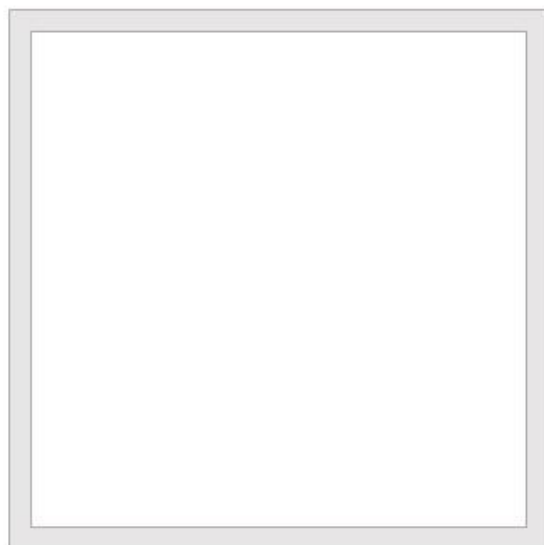
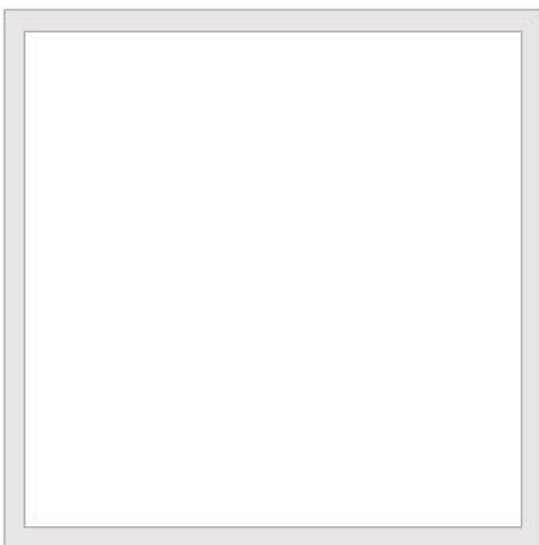
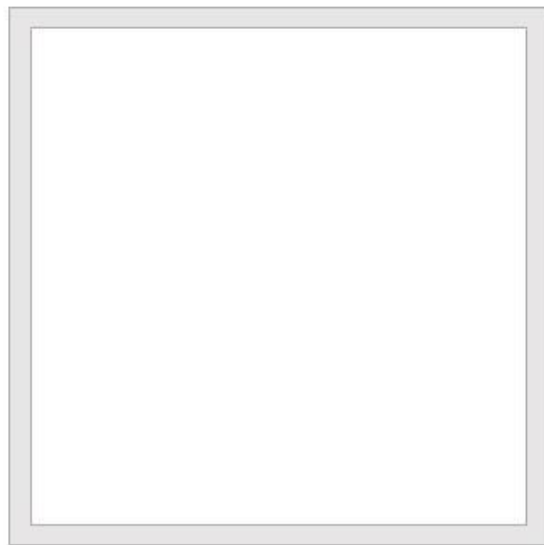
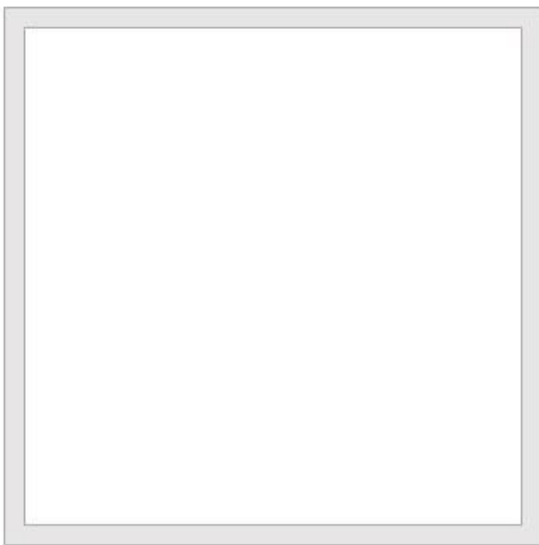
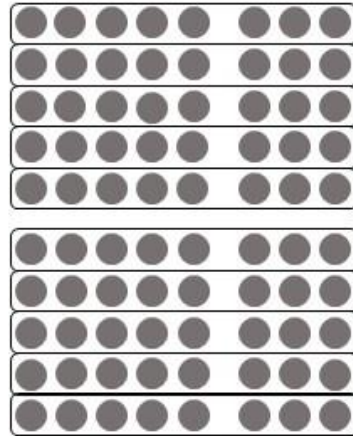
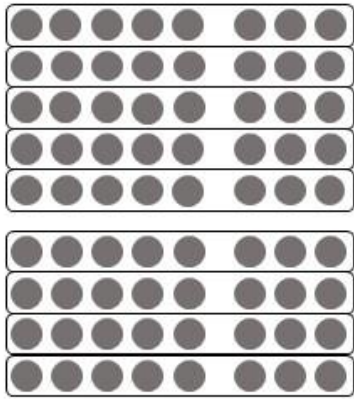
32

40

48

56

64



9 Achter

10 Achter

9 · 8

10 · 8

72

80