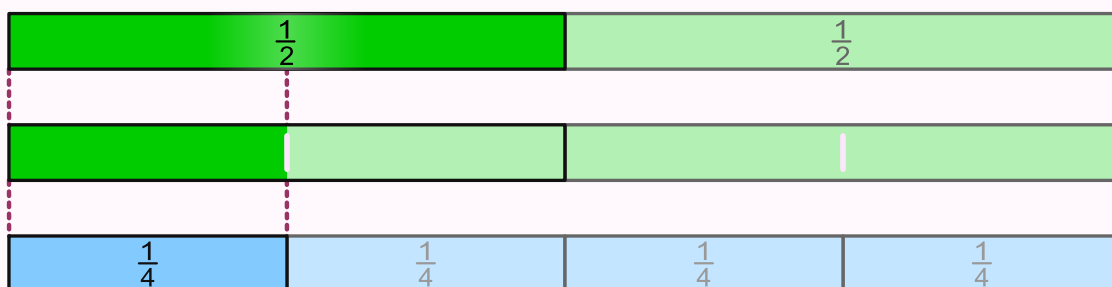


## Anschauliche Bruchmultiplikation

Wir können uns die Multiplikation von Brüchen nach einem Standardverfahren vorstellen. Hier sind Aufgaben dazu. Es soll die Rechnung aufgeschrieben werden und das typische Bild, welches durch die anschauliche Bruchmultiplikation entsteht, erstellt werden.

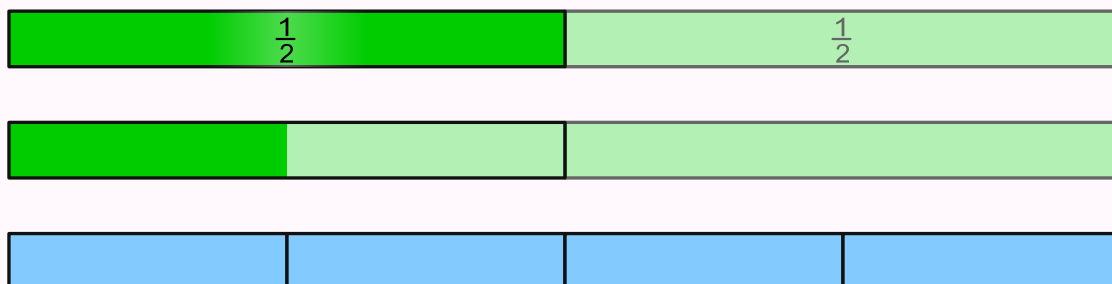
### Aufgabe 1 – Lösung

$$\frac{1}{2} \cdot \frac{1}{2} = \frac{1 \cdot 1}{2 \cdot 2} = \frac{1}{4}$$



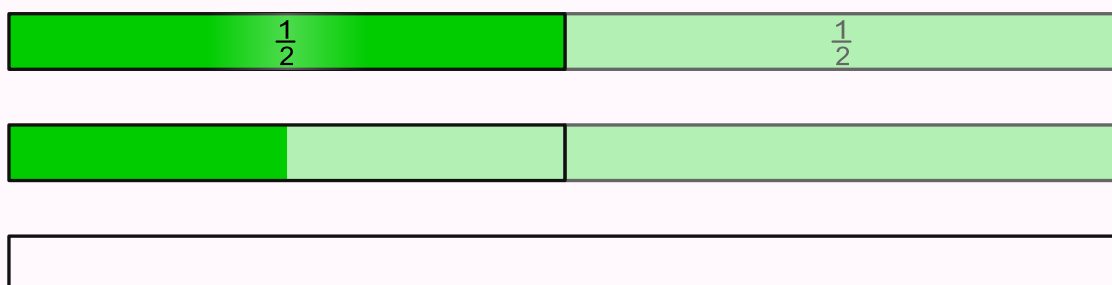
### Aufgabe 1 – Stufe 1

$$\frac{1}{2} \cdot \frac{1}{2} =$$



### Aufgabe 1 – Stufe 2

$$\frac{1}{2} \cdot \frac{1}{2} =$$



### Aufgabe 1 – Stufe 3

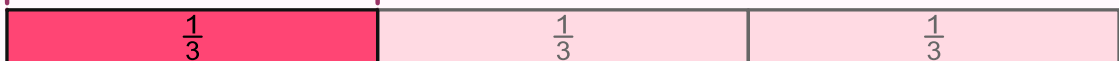
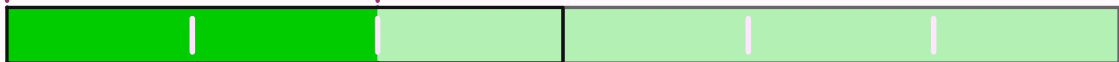
$$\frac{1}{2} \cdot \frac{1}{2} =$$





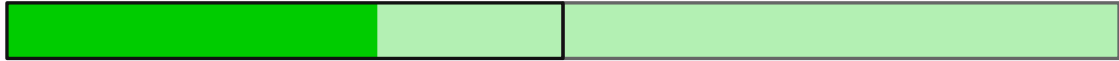
### Aufgabe 2 – Lösung

$$\frac{2}{3} \cdot \frac{1}{2} = \frac{2 \cdot 1}{3 \cdot 2} = \frac{2}{6} = \frac{1}{3}$$



### Aufgabe 2 – Stufe 1

$$\frac{2}{3} \cdot \frac{1}{2} =$$



### Aufgabe 2 – Stufe 2

$$\frac{2}{3} \cdot \frac{1}{2} =$$



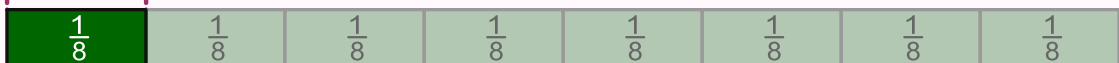
### Aufgabe 2 – Stufe 3

$$\frac{2}{3} \cdot \frac{1}{2} =$$



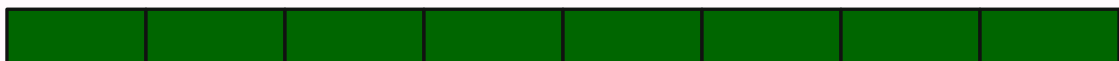
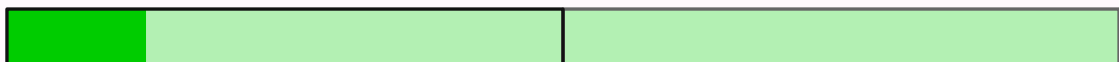
### Aufgabe 3 – Lösung

$$\frac{1}{4} \cdot \frac{1}{2} = \frac{1 \cdot 1}{4 \cdot 2} = \frac{1}{8}$$



### Aufgabe 3 – Stufe 1

$$\frac{1}{4} \cdot \frac{1}{2} =$$



### Aufgabe 3 – Stufe 2

$$\frac{1}{4} \cdot \frac{1}{2} =$$



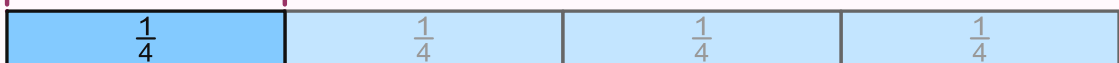
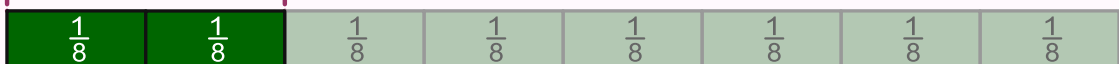
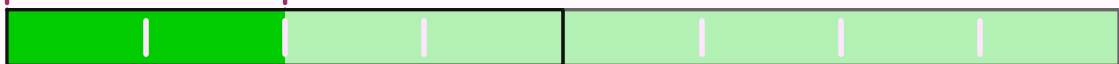
### Aufgabe 3 – Stufe 3

$$\frac{1}{4} \cdot \frac{1}{2} =$$



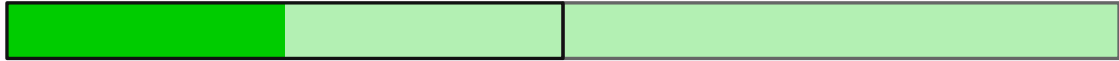
### Aufgabe 4 – Lösung

$$\frac{2}{4} \cdot \frac{1}{2} = \frac{2 \cdot 1}{4 \cdot 2} = \frac{2}{8} = \frac{1}{4}$$



### Aufgabe 4 – Stufe 1

$$\frac{2}{4} \cdot \frac{1}{2} =$$



### Aufgabe 4 – Stufe 2

$$\frac{2}{4} \cdot \frac{1}{2} =$$



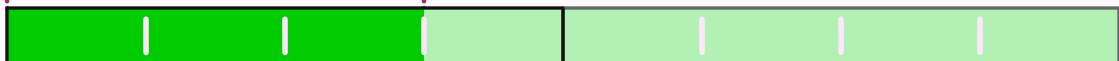
### Aufgabe 4 – Stufe 3

$$\frac{2}{4} \cdot \frac{1}{2} =$$



### Aufgabe 5 – Lösung

$$\frac{3}{4} \cdot \frac{1}{2} = \frac{3 \cdot 1}{4 \cdot 2} = \frac{3}{8}$$



### Aufgabe 5 – Stufe 1

$$\frac{3}{4} \cdot \frac{1}{2} =$$



### Aufgabe 5 – Stufe 2

$$\frac{3}{4} \cdot \frac{1}{2} =$$



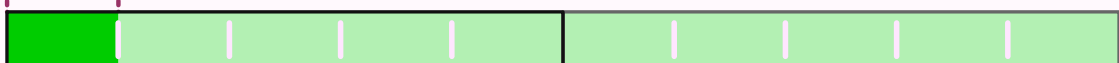
### Aufgabe 5 – Stufe 3

$$\frac{3}{4} \cdot \frac{1}{2} =$$



### Aufgabe 6 – Lösung

$$\frac{1}{5} \cdot \frac{1}{2} = \frac{1 \cdot 1}{5 \cdot 2} = \frac{1}{10}$$





### Aufgabe 6 – Stufe 1

$$\frac{1}{5} \cdot \frac{1}{2} =$$



### Aufgabe 6 – Stufe 2

$$\frac{1}{5} \cdot \frac{1}{2} =$$



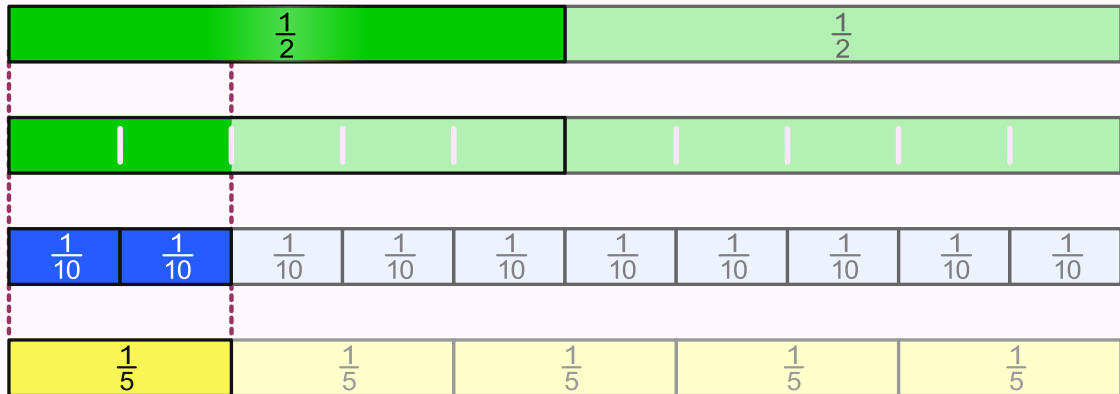
### Aufgabe 6 – Stufe 3

$$\frac{1}{5} \cdot \frac{1}{2} =$$



### Aufgabe 7 – Lösung

$$\frac{2}{5} \cdot \frac{1}{2} = \frac{2 \cdot 1}{5 \cdot 2} = \frac{2}{10} = \frac{1}{5}$$



### Aufgabe 7 – Stufe 1

$$\frac{2}{5} \cdot \frac{1}{2} =$$



**Aufgabe 7 – Stufe 2**

$$\frac{2}{5} \cdot \frac{1}{2} =$$

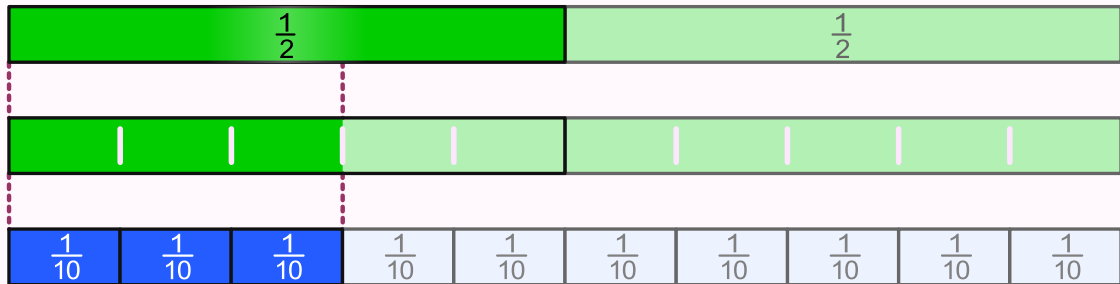

**Aufgabe 7 – Stufe 3**

$$\frac{2}{5} \cdot \frac{1}{2} =$$



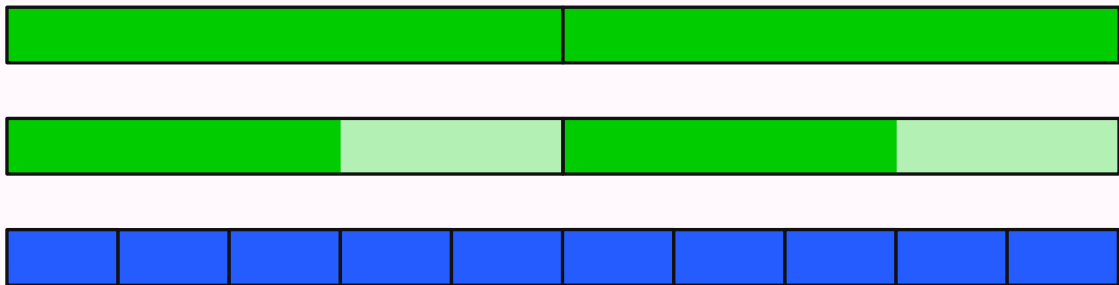
### Aufgabe 8 – Lösung

$$\frac{3}{5} \cdot \frac{1}{2} = \frac{3}{5 \cdot 2} = \frac{3}{10}$$



### Aufgabe 8 – Stufe 1

$$\frac{3}{5} \cdot \frac{1}{2} =$$



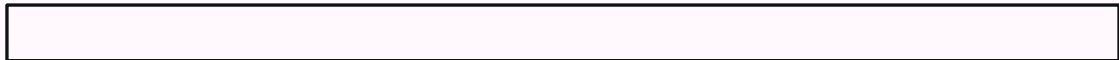
### Aufgabe 8 – Stufe 2

$$\frac{3}{5} \cdot \frac{1}{2} =$$



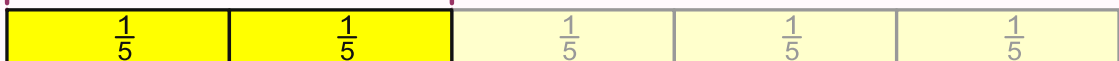
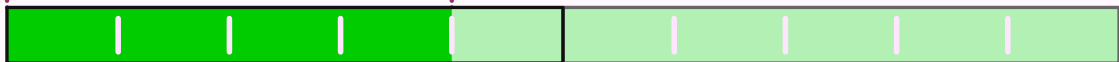
### Aufgabe 8 – Stufe 3

$$\frac{3}{5} \cdot \frac{1}{2} =$$



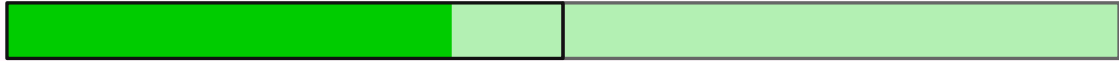
### Aufgabe 9 – Lösung

$$\frac{4}{5} \cdot \frac{1}{2} = \frac{4 \cdot 1}{5 \cdot 2} = \frac{4}{10} = \frac{2}{5}$$



### Aufgabe 9 – Stufe 1

$$\frac{4}{5} \cdot \frac{1}{2} =$$



### Aufgabe 9 – Stufe 2

$$\frac{4}{5} \cdot \frac{1}{2} =$$



**Aufgabe 9 – Stufe 3**

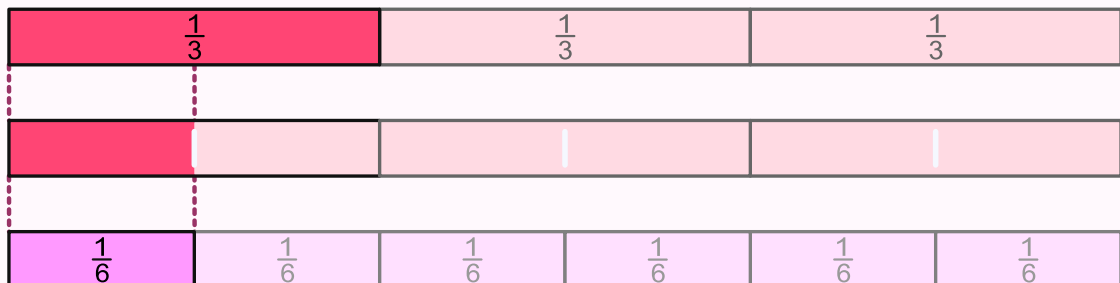
$$\frac{4}{5} \cdot \frac{1}{2} =$$



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**Aufgabe 10 – Lösung**

$$\frac{1}{2} \cdot \frac{1}{3} = \frac{1 \cdot 1}{2 \cdot 3} = \frac{1}{6}$$


**Aufgabe 10 – Stufe 1**

$$\frac{1}{2} \cdot \frac{1}{3} =$$

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**Aufgabe 10 – Stufe 2**

$$\frac{1}{2} \cdot \frac{1}{3} =$$

**Aufgabe 10 – Stufe 3**

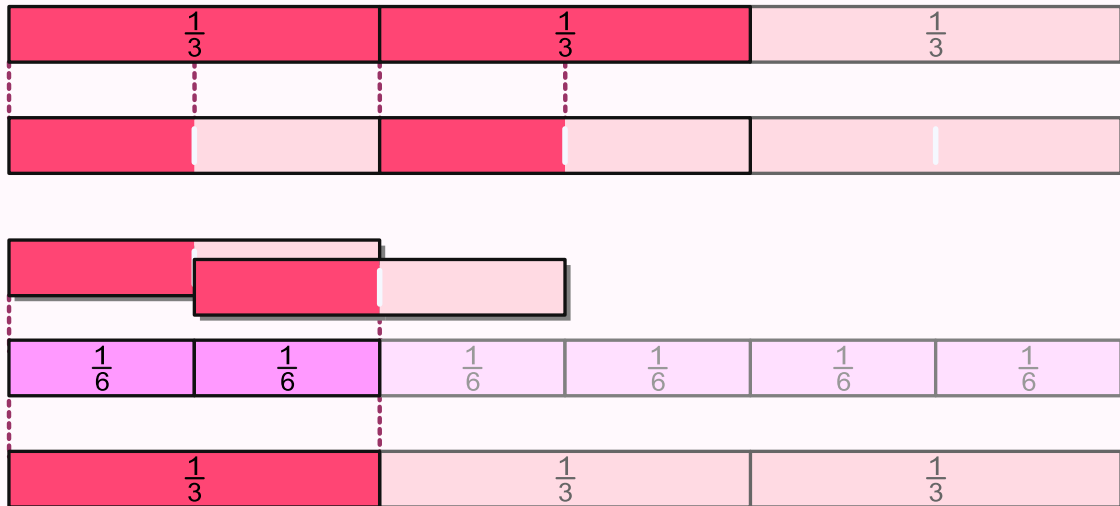
$$\frac{1}{2} \cdot \frac{1}{3} =$$





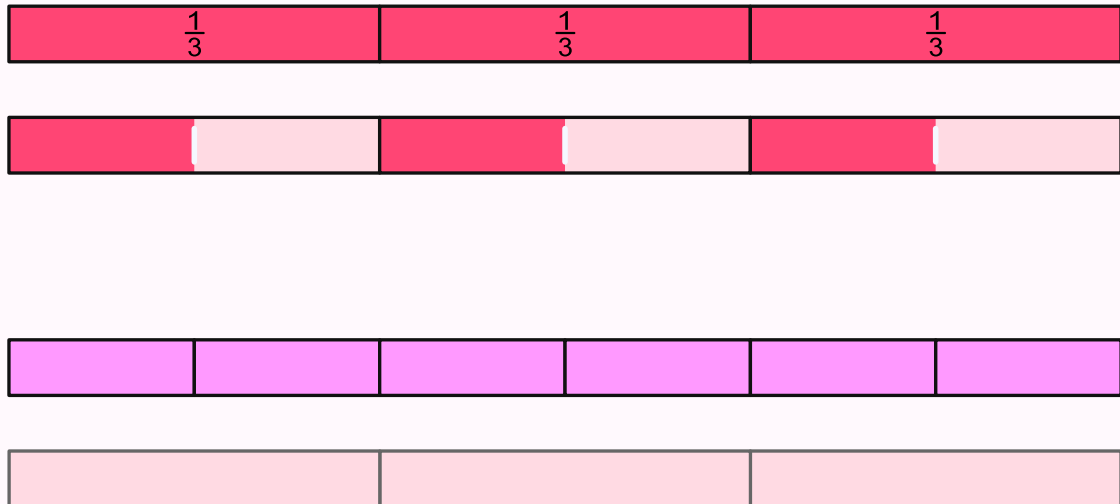
### Aufgabe 11 – Lösung

$$\frac{1}{2} \cdot \frac{2}{3} = \frac{1 \cdot 2}{2 \cdot 3} = \frac{2}{6} = \frac{1}{3}$$



### Aufgabe 11 – Stufe 1

$$\frac{1}{2} \cdot \frac{2}{3} =$$



**Aufgabe 11 – Stufe 2**

$$\frac{1}{2} \cdot \frac{2}{3} =$$



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**Aufgabe 11 – Stufe 3**

$$\frac{1}{2} \cdot \frac{2}{3} =$$



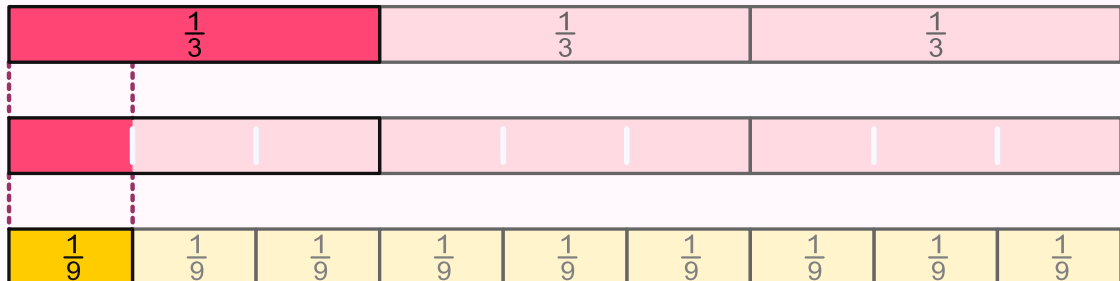
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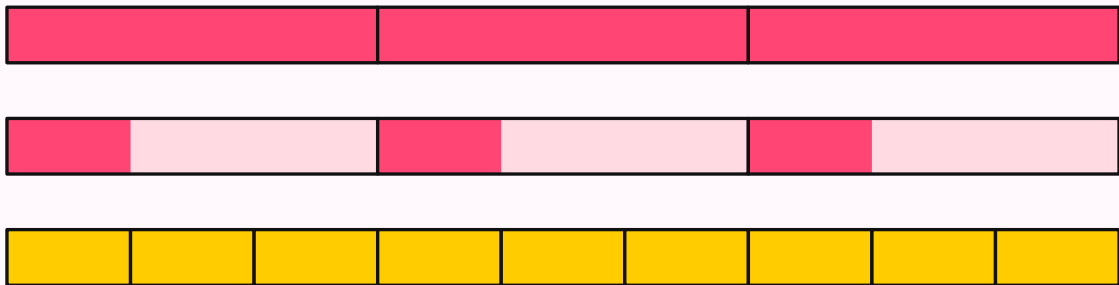
### Aufgabe 12 – Lösung

$$\frac{1}{3} \cdot \frac{1}{3} = \frac{1 \cdot 1}{3 \cdot 3} = \frac{1}{9}$$



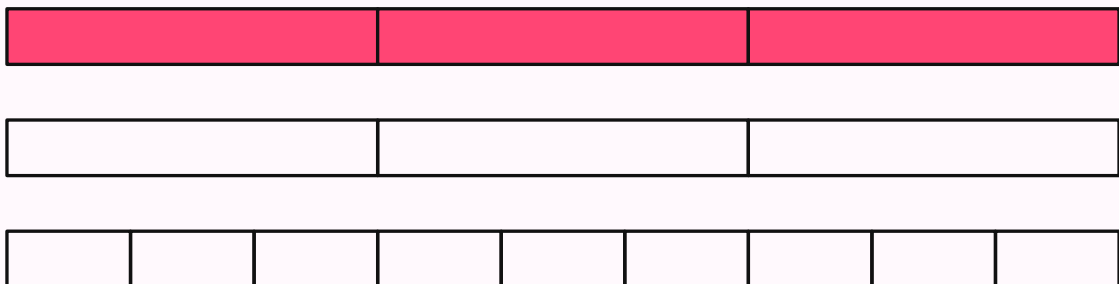
### Aufgabe 12 – Stufe 1

$$\frac{1}{3} \cdot \frac{1}{3} =$$



### Aufgabe 12 – Stufe 2

$$\frac{1}{3} \cdot \frac{1}{3} =$$



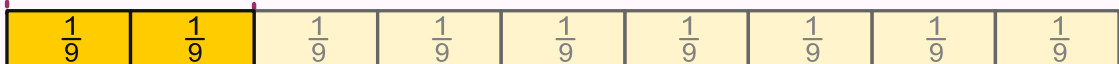
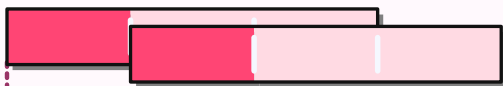
### Aufgabe 12 – Stufe 3

$$\frac{1}{3} \cdot \frac{1}{3} =$$



### Aufgabe 13 – Lösung

$$\frac{1}{3} \cdot \frac{2}{3} = \frac{1 \cdot 2}{3 \cdot 3} = \frac{2}{9}$$



**Aufgabe 13 – Stufe 1**

$$\frac{1}{3} \cdot \frac{2}{3} =$$


**Aufgabe 13 – Stufe 2**

$$\frac{1}{3} \cdot \frac{2}{3} =$$



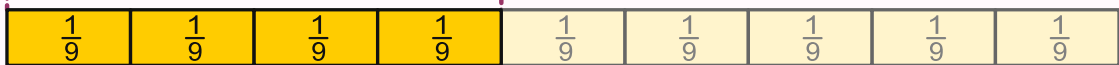
### Aufgabe 13 – Stufe 3

$$\frac{1}{3} \cdot \frac{2}{3} =$$



### Aufgabe 14 – Lösung

$$\frac{2}{3} \cdot \frac{2}{3} = \frac{2 \cdot 2}{3 \cdot 3} = \frac{4}{9}$$



**Aufgabe 14 – Stufe 1**

$$\frac{2}{3} \cdot \frac{2}{3} =$$


**Aufgabe 14 – Stufe 2**

$$\frac{2}{3} \cdot \frac{2}{3} =$$

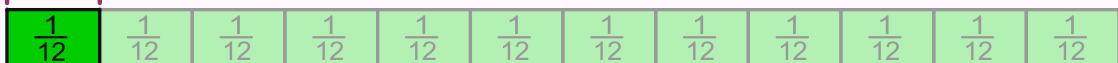
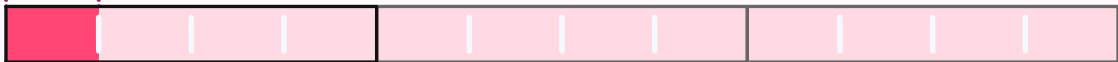
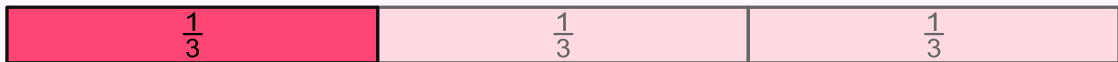


**Aufgabe 14 – Stufe 3**

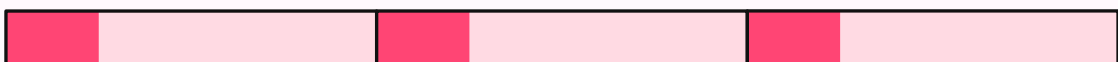
$$\frac{2}{3} \cdot \frac{2}{3} =$$


**Aufgabe 15 – Lösung**

$$\frac{1}{4} \cdot \frac{1}{3} = \frac{1 \cdot 1}{4 \cdot 3} = \frac{1}{12}$$


**Aufgabe 15 – Stufe 1**

$$\frac{1}{4} \cdot \frac{1}{3} =$$





**Aufgabe 15 – Stufe 2**

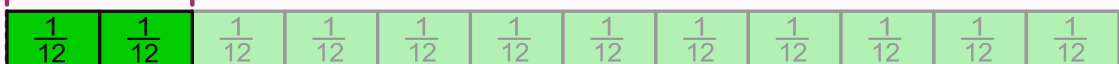
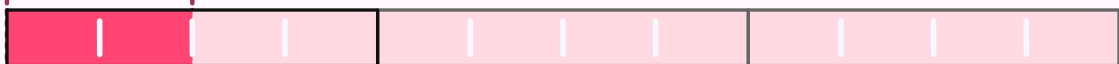
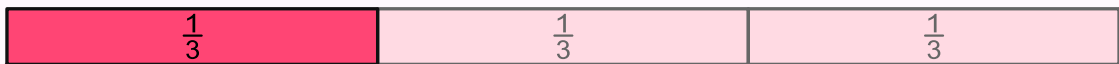
$$\frac{1}{4} \cdot \frac{1}{3} =$$


**Aufgabe 15 – Stufe 3**

$$\frac{1}{4} \cdot \frac{1}{3} =$$


**Aufgabe 16 – Lösung**

$$\frac{2}{4} \cdot \frac{1}{3} = \frac{2 \cdot 1}{4 \cdot 3} = \frac{2}{12} = \frac{1}{6}$$



**Aufgabe 16 – Stufe 1**

$$\frac{2}{4} \cdot \frac{1}{3} =$$


**Aufgabe 16 – Stufe 2**

$$\frac{2}{4} \cdot \frac{1}{3} =$$

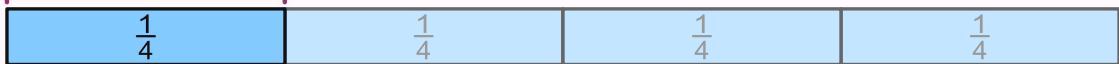
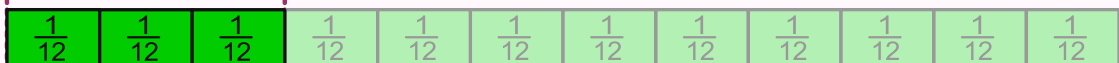
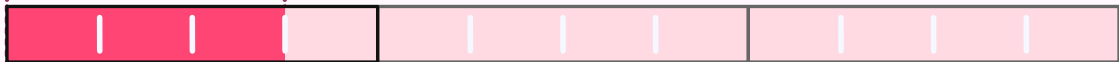
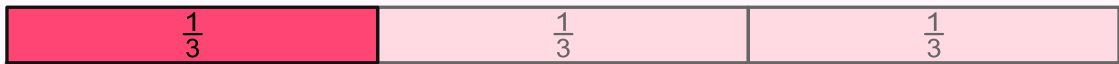


**Aufgabe 16 – Stufe 3**

$$\frac{2}{4} \cdot \frac{1}{3} =$$


**Aufgabe 17 – Lösung**

$$\frac{3}{4} \cdot \frac{1}{3} = \frac{3 \cdot 1}{4 \cdot 3} = \frac{3}{12} = \frac{1}{4}$$



**Aufgabe 17 – Stufe 1**

$$\frac{3}{4} \cdot \frac{1}{3} =$$

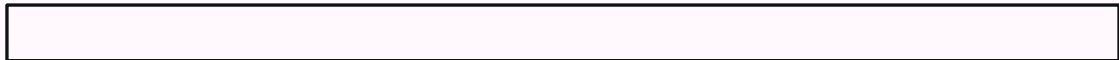

**Aufgabe 17 – Stufe 2**

$$\frac{3}{4} \cdot \frac{1}{3} =$$

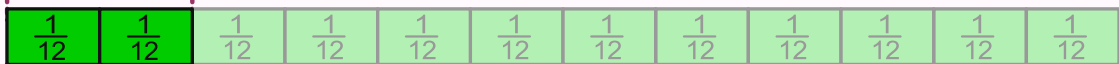
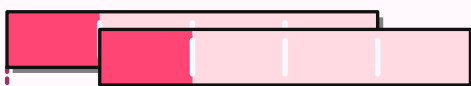


**Aufgabe 17 – Stufe 3**

$$\frac{3}{4} \cdot \frac{1}{3} =$$


**Aufgabe 18 – Lösung**

$$\frac{1}{4} \cdot \frac{2}{3} = \frac{1 \cdot 2}{4 \cdot 3} = \frac{2}{12} = \frac{1}{6}$$



**Aufgabe 18 – Stufe 1**

$$\frac{1}{4} \cdot \frac{2}{3} =$$


**Aufgabe 18 – Stufe 2**

$$\frac{1}{4} \cdot \frac{2}{3} =$$

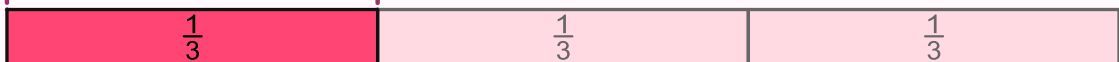
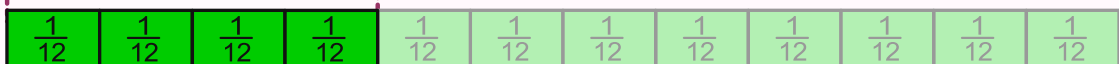
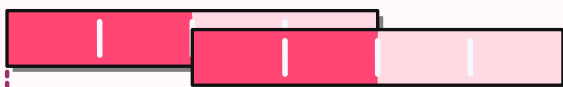


**Aufgabe 18 – Stufe 3**

$$\frac{1}{4} \cdot \frac{2}{3} =$$


**Aufgabe 19 – Lösung**

$$\frac{2}{4} \cdot \frac{2}{3} = \frac{2 \cdot 2}{4 \cdot 3} = \frac{4}{12} = \frac{1}{3}$$



**Aufgabe 19 – Stufe 1**

$$\frac{2}{4} \cdot \frac{2}{3} =$$


**Aufgabe 19 – Stufe 2**

$$\frac{2}{4} \cdot \frac{2}{3} =$$



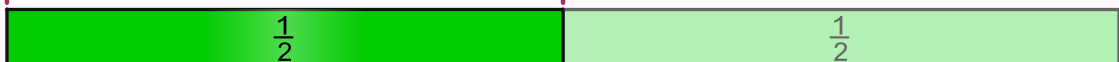
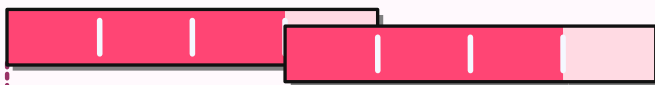


**Aufgabe 19 – Stufe 3**

$$\frac{2}{4} \cdot \frac{2}{3} =$$


**Aufgabe 20 – Lösung**

$$\frac{3}{4} \cdot \frac{2}{3} = \frac{3 \cdot 2}{4 \cdot 3} = \frac{6}{12} = \frac{1}{2}$$



**Aufgabe 20 – Stufe 1**

$$\frac{3}{4} \cdot \frac{2}{3} =$$


**Aufgabe 20 – Stufe 2**

$$\frac{3}{4} \cdot \frac{2}{3} =$$



**Aufgabe 20 – Stufe 3**

$$\frac{3}{4} \cdot \frac{2}{3} =$$


**Aufgabe 21 – Lösung**

$$\frac{1}{2} \cdot \frac{1}{4} = \frac{1 \cdot 1}{2 \cdot 4} = \frac{1}{8}$$



**Aufgabe 21 – Stufe 1**

$$\frac{1}{2} \cdot \frac{1}{4} =$$


**Aufgabe 21 – Stufe 2**

$$\frac{1}{2} \cdot \frac{1}{4} =$$

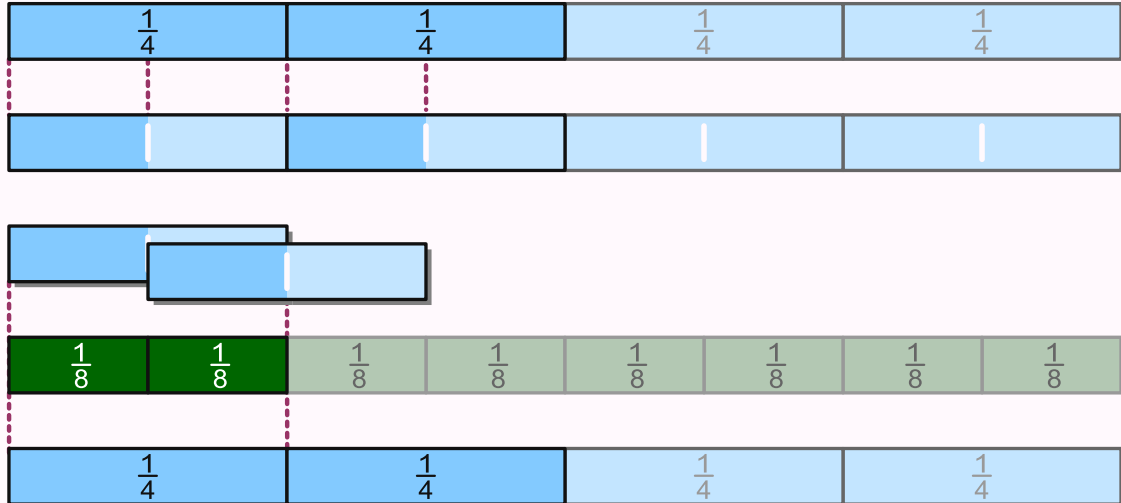

**Aufgabe 21 – Stufe 3**

$$\frac{1}{2} \cdot \frac{1}{4} =$$



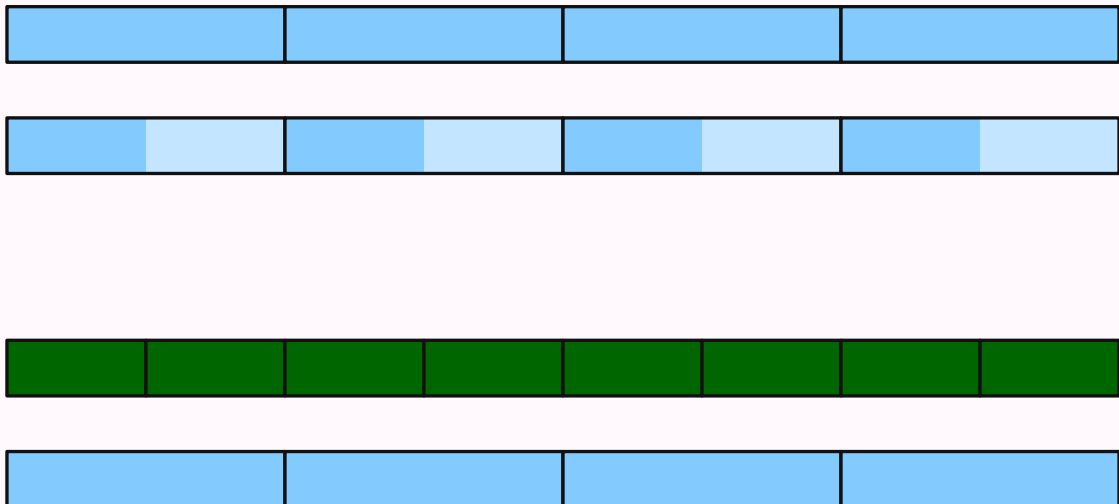
### Aufgabe 22 – Lösung

$$\frac{1}{2} \cdot \frac{2}{4} = \frac{1 \cdot 2}{2 \cdot 4} = \frac{2}{8} = \frac{1}{4}$$



### Aufgabe 22 – Stufe 1

$$\frac{1}{2} \cdot \frac{2}{4} =$$



**Aufgabe 22 – Stufe 2**

$$\frac{1}{2} \cdot \frac{2}{4} =$$

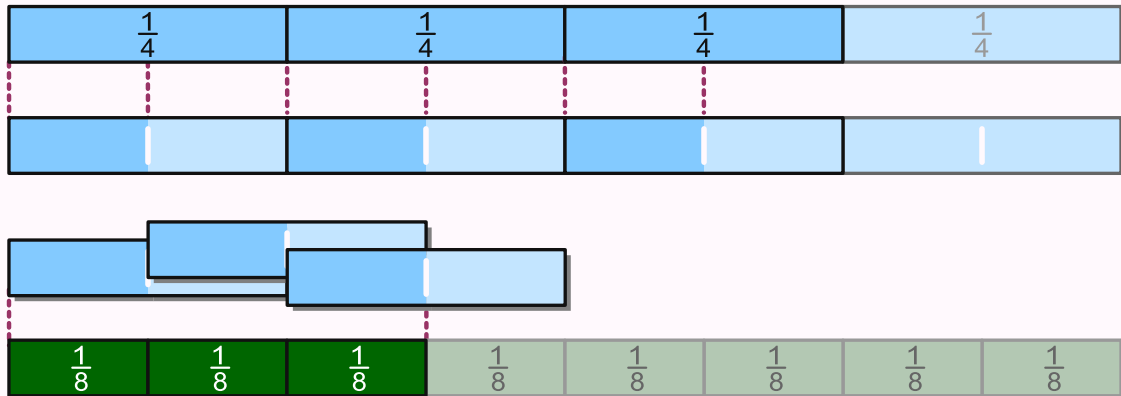

**Aufgabe 22 – Stufe 3**

$$\frac{1}{2} \cdot \frac{2}{4} =$$



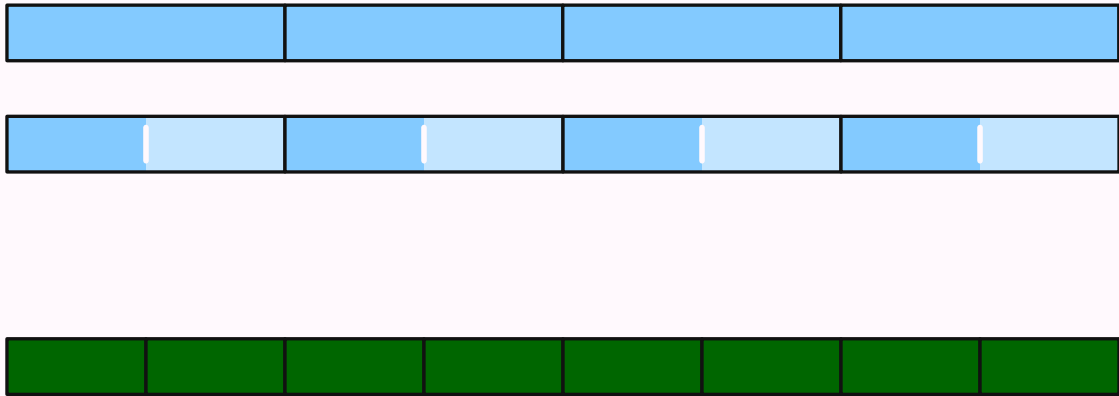
### Aufgabe 23 – Lösung

$$\frac{1}{2} \cdot \frac{3}{4} = \frac{1 \cdot 3}{2 \cdot 4} = \frac{3}{8}$$



### Aufgabe 23 – Stufe 1

$$\frac{1}{2} \cdot \frac{3}{4} =$$



**Aufgabe 23 – Stufe 2**

$$\frac{1}{2} \cdot \frac{3}{4} =$$


**Aufgabe 23 – Stufe 3**

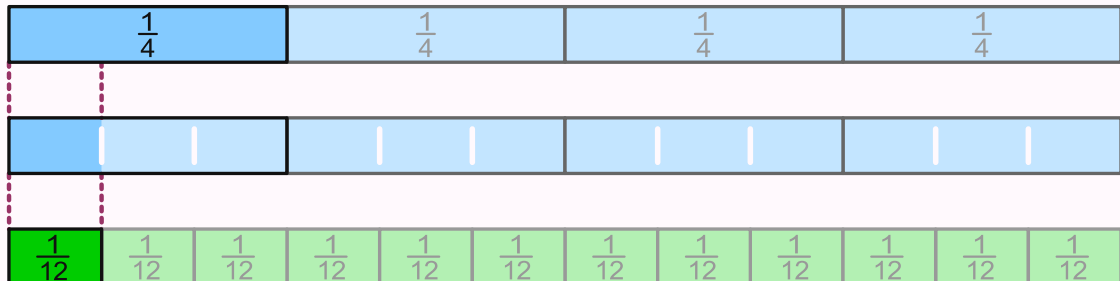
$$\frac{1}{2} \cdot \frac{3}{4} =$$



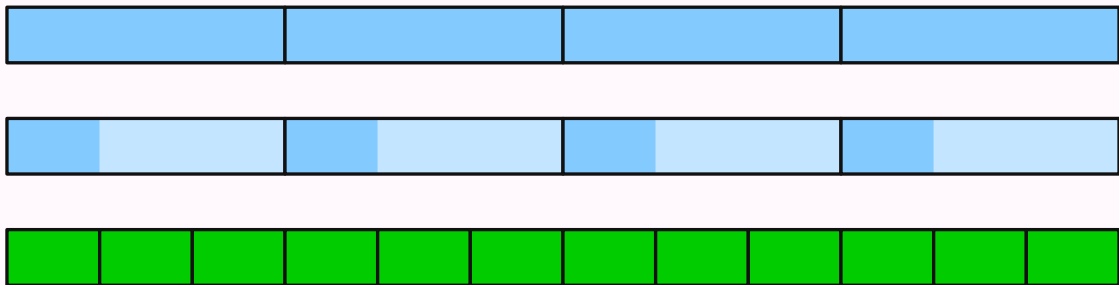


**Aufgabe 24 – Lösung**

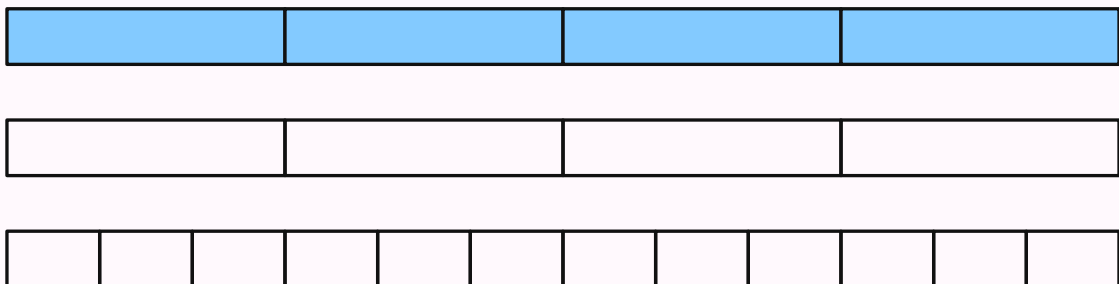
$$\frac{1}{3} \cdot \frac{1}{4} = \frac{1 \cdot 1}{3 \cdot 4} = \frac{1}{12}$$


**Aufgabe 24 – Stufe 1**

$$\frac{1}{3} \cdot \frac{1}{4} =$$

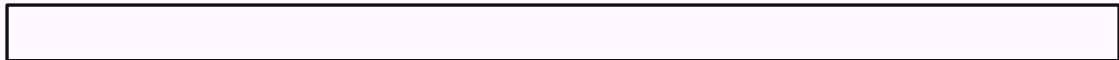

**Aufgabe 24 – Stufe 2**

$$\frac{1}{3} \cdot \frac{1}{4} =$$

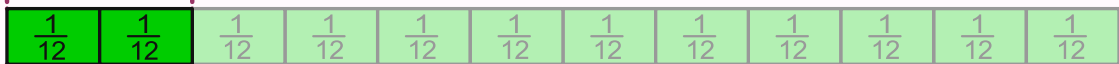
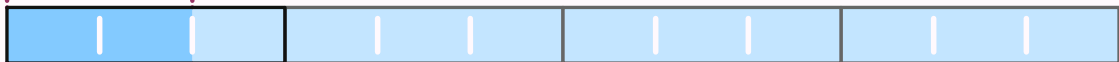
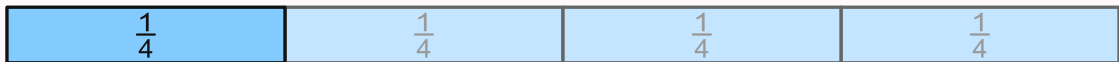


**Aufgabe 24 – Stufe 3**

$$\frac{1}{3} \cdot \frac{1}{4} =$$


**Aufgabe 25 – Lösung**

$$\frac{2}{3} \cdot \frac{1}{4} = \frac{2 \cdot 1}{3 \cdot 4} = \frac{2}{12} = \frac{1}{6}$$



**Aufgabe 25 – Stufe 1**

$$\frac{2}{3} \cdot \frac{1}{4} =$$

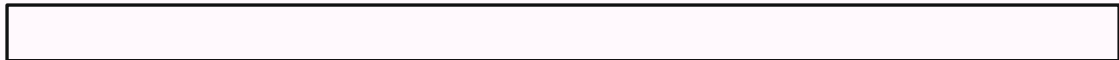

**Aufgabe 25 – Stufe 2**

$$\frac{2}{3} \cdot \frac{1}{4} =$$

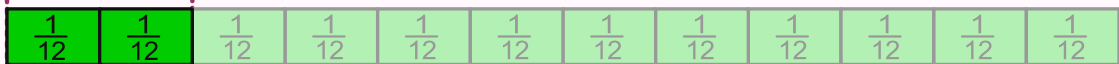
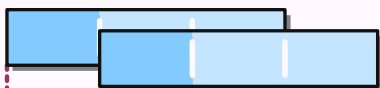


**Aufgabe 25 – Stufe 3**

$$\frac{2}{3} \cdot \frac{1}{4} =$$


**Aufgabe 26 – Lösung**

$$\frac{1}{3} \cdot \frac{2}{4} = \frac{1 \cdot 2}{3 \cdot 4} = \frac{2}{12} = \frac{1}{6}$$



**Aufgabe 26 – Stufe 1**

$$\frac{1}{3} \cdot \frac{2}{4} =$$


**Aufgabe 26 – Stufe 2**

$$\frac{1}{3} \cdot \frac{2}{4} =$$

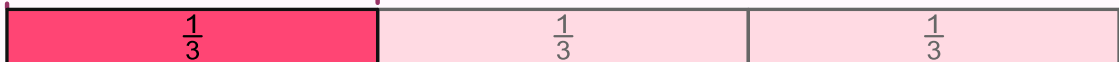
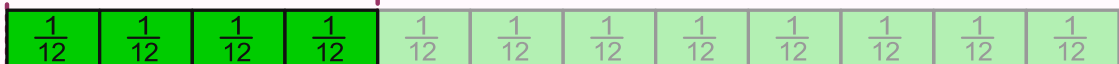


**Aufgabe 26 – Stufe 3**

$$\frac{1}{3} \cdot \frac{2}{4} =$$


**Aufgabe 27 – Lösung**

$$\frac{2}{3} \cdot \frac{2}{4} = \frac{2 \cdot 2}{3 \cdot 4} = \frac{4}{12} = \frac{1}{3}$$



### Aufgabe 27 – Stufe 1

$$\frac{2}{3} \cdot \frac{2}{4} =$$



### Aufgabe 27 – Stufe 2

$$\frac{2}{3} \cdot \frac{2}{4} =$$

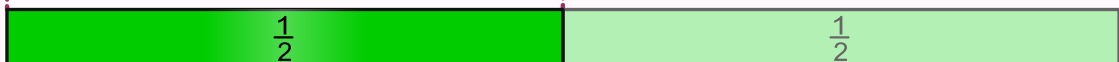


**Aufgabe 27 – Stufe 3**

$$\frac{2}{3} \cdot \frac{2}{4} =$$


**Aufgabe 28 – Lösung**

$$\frac{2}{3} \cdot \frac{3}{4} = \frac{2 \cdot 3}{3 \cdot 4} = \frac{6}{12} = \frac{1}{2}$$





**Aufgabe 28 – Stufe 1**

$$\frac{2}{3} \cdot \frac{3}{4} =$$


**Aufgabe 28 – Stufe 2**

$$\frac{2}{3} \cdot \frac{3}{4} =$$



**Aufgabe 28 – Stufe 3**

$$\frac{2}{3} \cdot \frac{3}{4} =$$


**Aufgabe 29 – Lösung**

$$\frac{1}{4} \cdot \frac{1}{4} = \frac{1 \cdot 1}{4 \cdot 4} = \frac{1}{16}$$



**Aufgabe 29 – Stufe 1**

$$\frac{1}{4} \cdot \frac{1}{4} =$$


**Aufgabe 29 – Stufe 2**

$$\frac{1}{4} \cdot \frac{1}{4} =$$

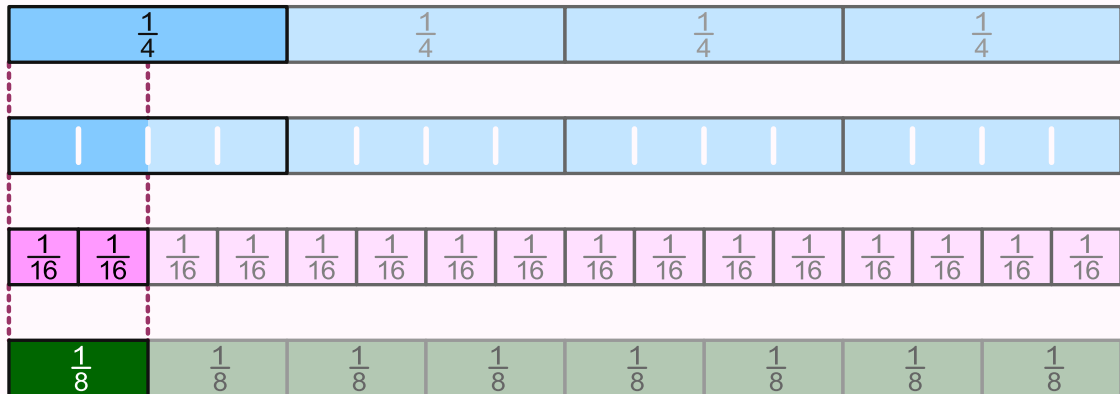

**Aufgabe 29 – Stufe 3**

$$\frac{1}{4} \cdot \frac{1}{4} =$$

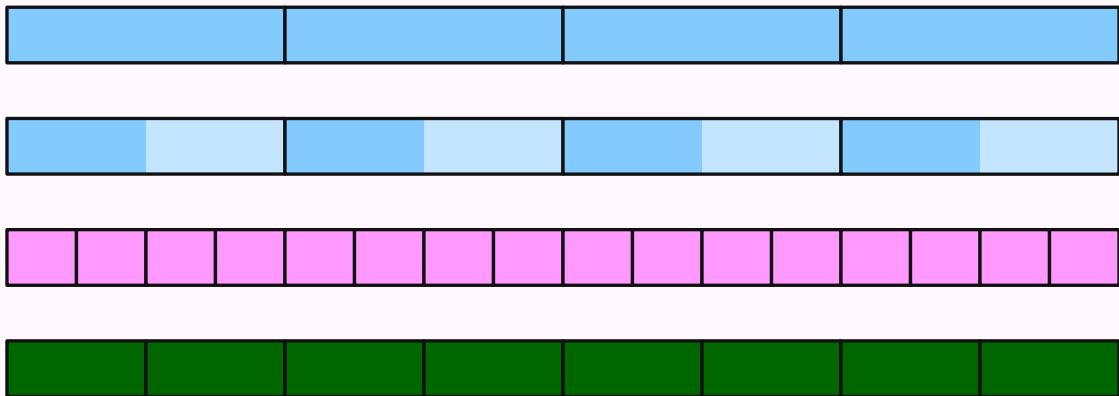


**Aufgabe 30 – Lösung**

$$\frac{2}{4} \cdot \frac{1}{4} = \frac{2 \cdot 1}{4 \cdot 4} = \frac{2}{16} = \frac{1}{8}$$


**Aufgabe 30 – Stufe 1**

$$\frac{2}{4} \cdot \frac{1}{4} =$$



**Aufgabe 30 – Stufe 2**

$$\frac{2}{4} \cdot \frac{1}{4} =$$

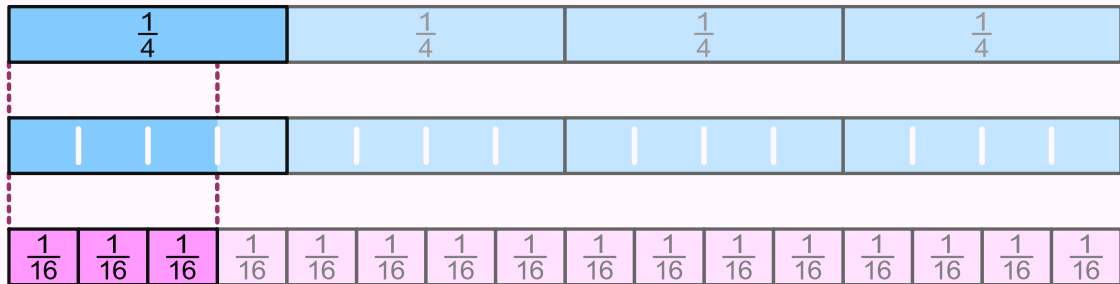

**Aufgabe 30 – Stufe 3**

$$\frac{2}{4} \cdot \frac{1}{4} =$$

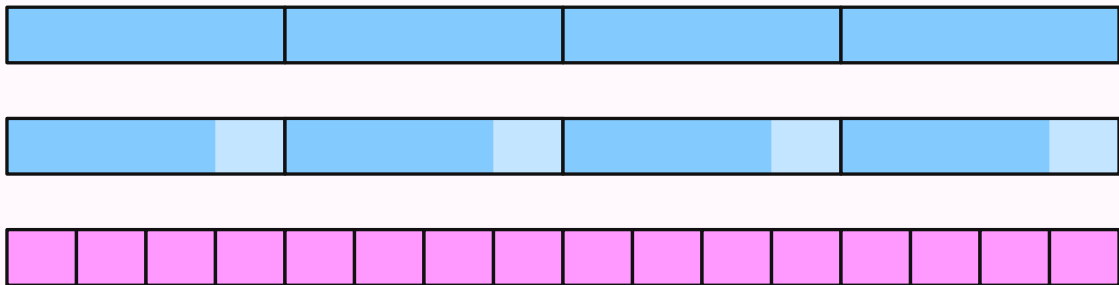


**Aufgabe 31 – Lösung**

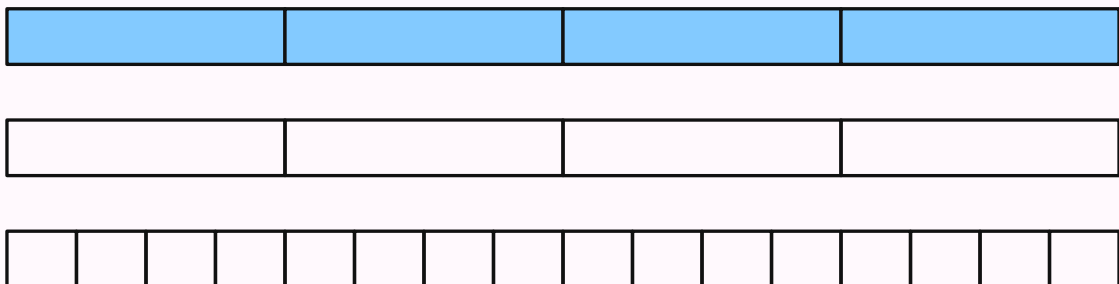
$$\frac{3}{4} \cdot \frac{1}{4} = \frac{3 \cdot 1}{4 \cdot 4} = \frac{3}{16}$$


**Aufgabe 31 – Stufe 1**

$$\frac{3}{4} \cdot \frac{1}{4} =$$

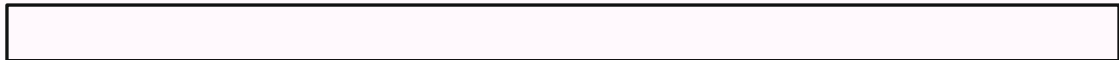

**Aufgabe 31 – Stufe 2**

$$\frac{3}{4} \cdot \frac{1}{4} =$$

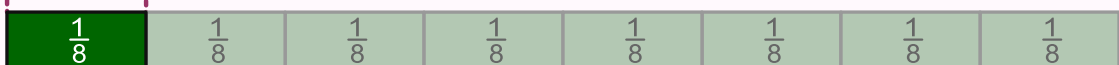
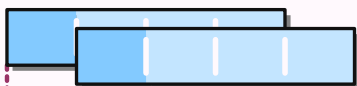


**Aufgabe 31 – Stufe 3**

$$\frac{3}{4} \cdot \frac{1}{4} =$$


**Aufgabe 32 – Lösung**

$$\frac{1}{4} \cdot \frac{2}{4} = \frac{2}{4 \cdot 4} = \frac{2}{16} = \frac{1}{8}$$



**Aufgabe 32 – Stufe 1**

$$\frac{1}{4} \cdot \frac{2}{4} =$$


**Aufgabe 32 – Stufe 2**

$$\frac{1}{4} \cdot \frac{2}{4} =$$



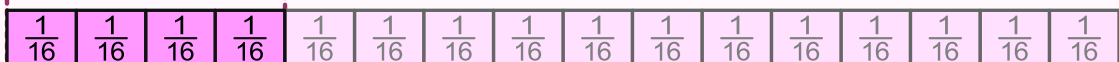


**Aufgabe 32 – Stufe 3**

$$\frac{1}{4} \cdot \frac{2}{4} =$$


**Aufgabe 33 – Lösung**

$$\frac{2}{4} \cdot \frac{2}{4} = \frac{2 \cdot 2}{4 \cdot 4} = \frac{4}{16} = \frac{1}{4}$$



**Aufgabe 33 – Stufe 1**

$$\frac{2}{4} \cdot \frac{2}{4} =$$


**Aufgabe 33 – Stufe 2**

$$\frac{2}{4} \cdot \frac{2}{4} =$$



**Aufgabe 33 – Stufe 3**

$$\frac{2}{4} \cdot \frac{2}{4} =$$


**Aufgabe 34 – Lösung**

$$\frac{3}{4} \cdot \frac{2}{4} = \frac{3 \cdot 2}{4 \cdot 4} = \frac{6}{16} = \frac{3}{8}$$



**Aufgabe 34 – Stufe 1**

$$\frac{3}{4} \cdot \frac{2}{4} =$$


**Aufgabe 34 – Stufe 2**

$$\frac{3}{4} \cdot \frac{2}{4} =$$

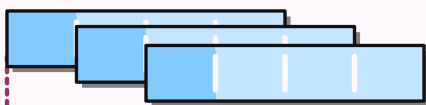


**Aufgabe 34 – Stufe 3**

$$\frac{3}{4} \cdot \frac{2}{4} =$$


**Aufgabe 35 – Lösung**

$$\frac{1}{4} \cdot \frac{3}{4} = \frac{1 \cdot 3}{4 \cdot 4} = \frac{3}{16}$$



**Aufgabe 35 – Stufe 1**

$$\frac{1}{4} \cdot \frac{3}{4} =$$


**Aufgabe 35 – Stufe 2**

$$\frac{1}{4} \cdot \frac{3}{4} =$$

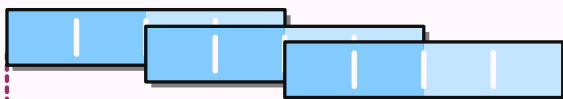


**Aufgabe 35 – Stufe 3**

$$\frac{1}{4} \cdot \frac{3}{4} =$$


**Aufgabe 36 – Lösung**

$$\frac{2}{4} \cdot \frac{3}{4} = \frac{2 \cdot 3}{4 \cdot 4} = \frac{6}{16} = \frac{3}{8}$$



**Aufgabe 36 – Stufe 1**

$$\frac{2}{4} \cdot \frac{3}{4} =$$


**Aufgabe 36 – Stufe 2**

$$\frac{2}{4} \cdot \frac{3}{4} =$$



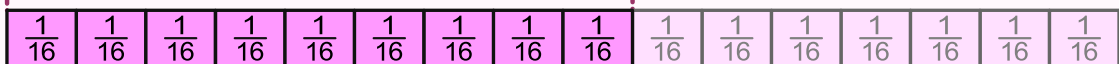


**Aufgabe 36 – Stufe 3**

$$\frac{2}{4} \cdot \frac{3}{4} =$$


**Aufgabe 37 – Lösung**

$$\frac{3}{4} \cdot \frac{3}{4} = \frac{3 \cdot 3}{4 \cdot 4} = \frac{9}{16}$$



**Aufgabe 37 – Stufe 1**

$$\frac{3}{4} \cdot \frac{3}{4} =$$


**Aufgabe 37 – Stufe 2**

$$\frac{3}{4} \cdot \frac{3}{4} =$$

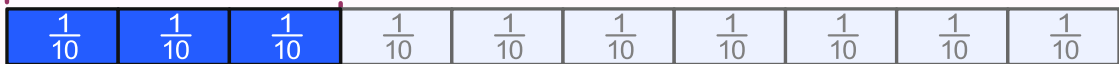
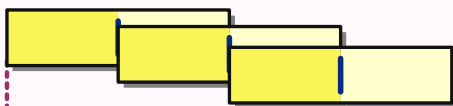
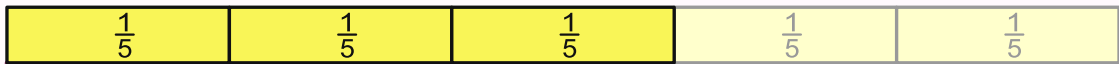


**Aufgabe 37 – Stufe 3**

$$\frac{3}{4} \cdot \frac{3}{4} =$$


**Aufgabe 38 – Lösung**

$$\frac{1}{2} \cdot \frac{3}{5} = \frac{1 \cdot 3}{2 \cdot 5} = \frac{3}{10}$$



**Aufgabe 38 – Stufe 1**

$$\frac{1}{2} \cdot \frac{3}{5} =$$


**Aufgabe 38 – Stufe 2**

$$\frac{1}{2} \cdot \frac{3}{5} =$$

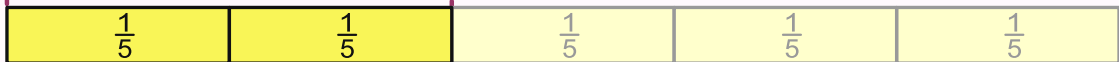
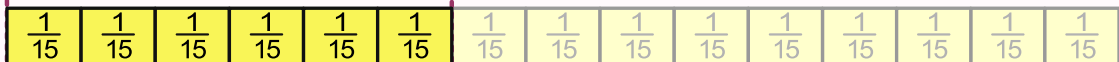
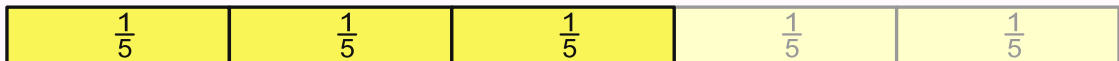


**Aufgabe 38 – Stufe 3**

$$\frac{1}{2} \cdot \frac{3}{5} =$$


**Aufgabe 39 – Lösung**

$$\frac{2}{3} \cdot \frac{3}{5} = \frac{2 \cdot 3}{3 \cdot 5} = \frac{6}{15} = \frac{2}{5}$$



**Aufgabe 39 – Stufe 1**

$$\frac{2}{3} \cdot \frac{3}{5} =$$


**Aufgabe 39 – Stufe 2**

$$\frac{2}{3} \cdot \frac{3}{5} =$$

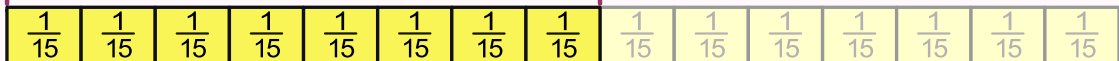
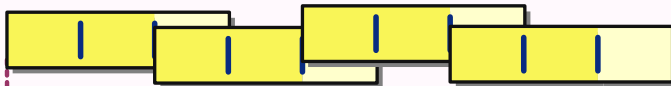
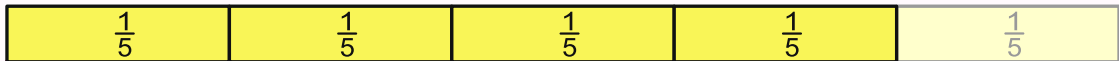


**Aufgabe 39 – Stufe 3**

$$\frac{2}{3} \cdot \frac{3}{5} =$$


**Aufgabe 40 – Lösung**

$$\frac{2}{3} \cdot \frac{4}{5} = \frac{2 \cdot 4}{3 \cdot 5} = \frac{8}{15}$$



**Aufgabe 40 – Stufe 1**

$$\frac{2}{3} \cdot \frac{4}{5} =$$


**Aufgabe 40 – Stufe 2**

$$\frac{2}{3} \cdot \frac{4}{5} =$$



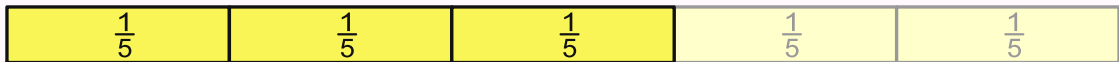


**Aufgabe 40 – Stufe 3**

$$\frac{2}{3} \cdot \frac{4}{5} =$$


**Aufgabe 41 – Lösung**

$$\frac{3}{4} \cdot \frac{3}{5} = \frac{3 \cdot 3}{4 \cdot 5} = \frac{9}{20}$$



**Aufgabe 41 – Stufe 1**

$$\frac{3}{4} \cdot \frac{3}{5} =$$


**Aufgabe 41 – Stufe 2**

$$\frac{3}{4} \cdot \frac{3}{5} =$$



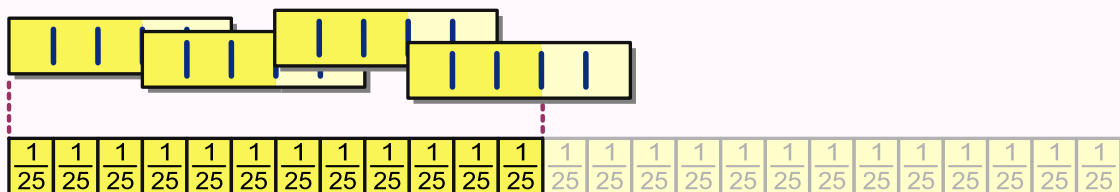
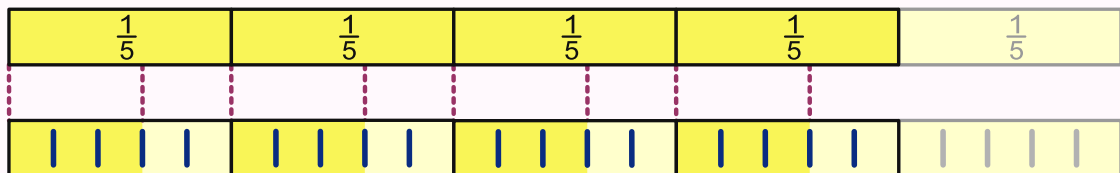
**Aufgabe 41 – Stufe 3**

$$\frac{3}{4} \cdot \frac{3}{5} =$$



**Aufgabe 42 – Lösung**

$$\frac{3}{5} \cdot \frac{4}{5} = \frac{3 \cdot 4}{5 \cdot 5} = \frac{12}{25}$$



**Aufgabe 42 – Stufe 1**

$$\frac{3}{5} \cdot \frac{4}{5} =$$


**Aufgabe 42 – Stufe 2**

$$\frac{3}{5} \cdot \frac{4}{5} =$$





**Aufgabe 43 – Stufe 1**

$$\frac{3}{6} \cdot \frac{4}{5} =$$


**Aufgabe 43 – Stufe 2**

$$\frac{3}{6} \cdot \frac{4}{5} =$$



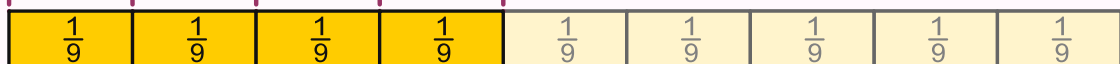
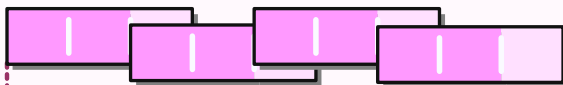
**Aufgabe 43 – Stufe 3**

$$\frac{3}{6} \cdot \frac{4}{5} =$$




**Aufgabe 44 – Lösung**

$$\frac{2}{3} \cdot \frac{4}{6} = \frac{2 \cdot 4}{3 \cdot 6} = \frac{8}{18} = \frac{4}{9}$$

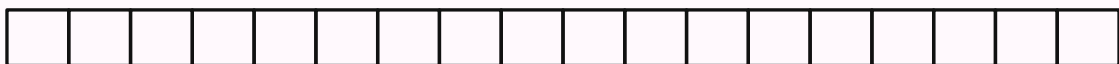


**Aufgabe 44 – Stufe 1**

$$\frac{2}{3} \cdot \frac{4}{6} =$$


**Aufgabe 44 – Stufe 2**

$$\frac{2}{3} \cdot \frac{4}{6} =$$



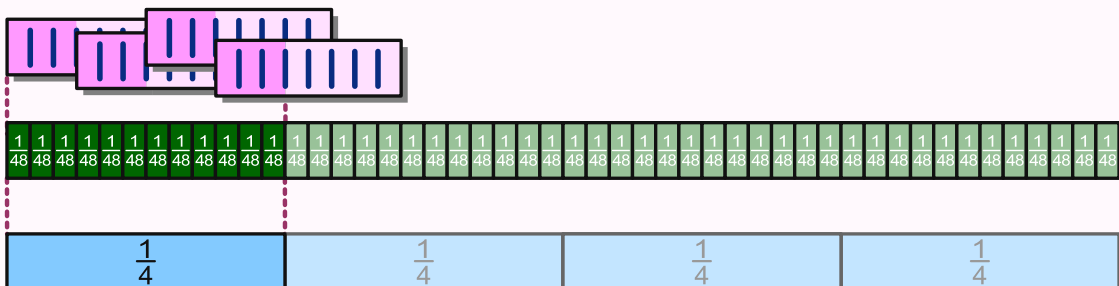
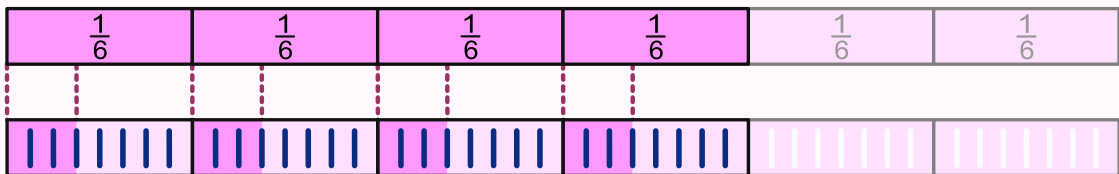


**Aufgabe 44 – Stufe 3**

$$\frac{2}{3} \cdot \frac{4}{6} =$$


**Aufgabe 45 – Lösung**

$$\frac{3}{8} \cdot \frac{4}{6} = \frac{3 \cdot 4}{8 \cdot 6} = \frac{12}{48} = \frac{1}{4}$$



**Aufgabe 45 – Stufe 1**

$$\frac{3}{8} \cdot \frac{4}{6} =$$


**Aufgabe 45 – Stufe 2**

$$\frac{3}{8} \cdot \frac{4}{6} =$$



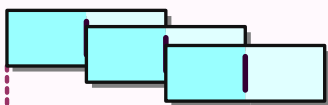
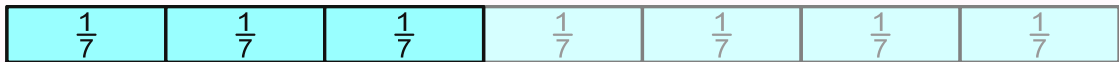
**Aufgabe 45 – Stufe 3**

$$\frac{3}{8} \cdot \frac{4}{6} =$$




**Aufgabe 46 – Lösung**

$$\frac{1}{2} \cdot \frac{3}{7} = \frac{1 \cdot 3}{2 \cdot 7} = \frac{3}{14}$$



**Aufgabe 46 – Stufe 1**

$$\frac{1}{2} \cdot \frac{3}{7} =$$


**Aufgabe 46 – Stufe 2**

$$\frac{1}{2} \cdot \frac{3}{7} =$$



**Aufgabe 46 – Stufe 3**

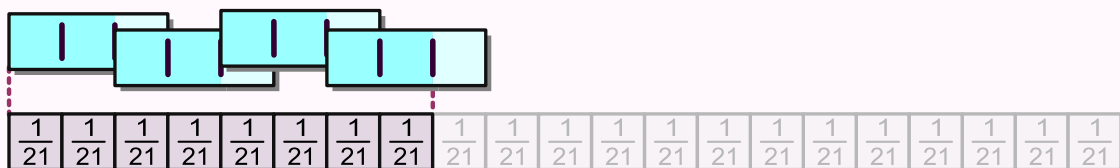
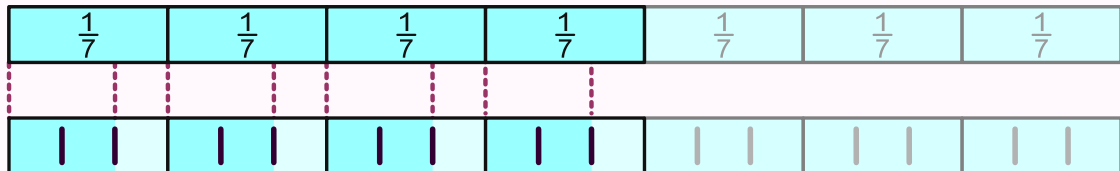
$$\frac{1}{2} \cdot \frac{3}{7} =$$



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**Aufgabe 47 – Lösung**

$$\frac{2}{3} \cdot \frac{4}{7} = \frac{2 \cdot 4}{3 \cdot 7} = \frac{8}{21}$$

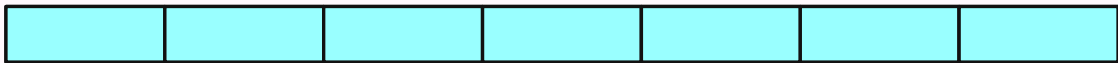


**Aufgabe 47 – Stufe 1**

$$\frac{2}{3} \cdot \frac{4}{7} =$$


**Aufgabe 47 – Stufe 2**

$$\frac{2}{3} \cdot \frac{4}{7} =$$



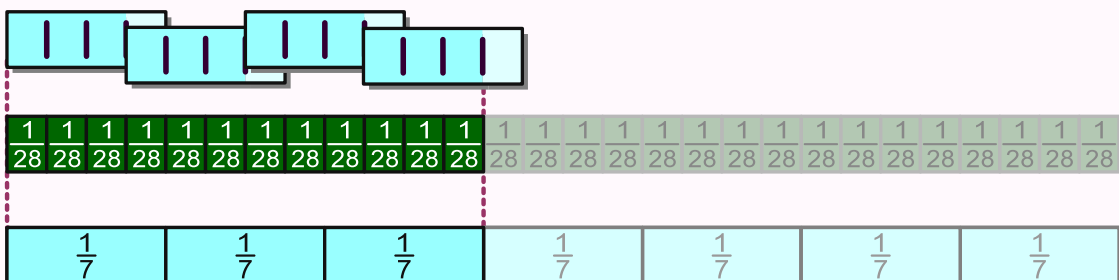
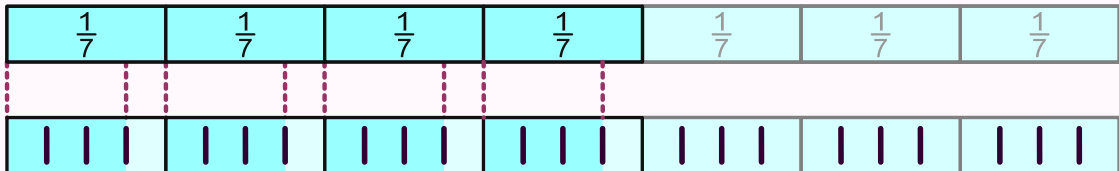
**Aufgabe 47 – Stufe 3**

$$\frac{2}{3} \cdot \frac{4}{7} =$$




**Aufgabe 48 – Lösung**

$$\frac{3}{4} \cdot \frac{4}{7} = \frac{3 \cdot 4}{4 \cdot 7} = \frac{12}{28} = \frac{3}{7}$$



**Aufgabe 48 – Stufe 1**

$$\frac{3}{4} \cdot \frac{4}{7} =$$


**Aufgabe 48 – Stufe 2**

$$\frac{3}{4} \cdot \frac{4}{7} =$$





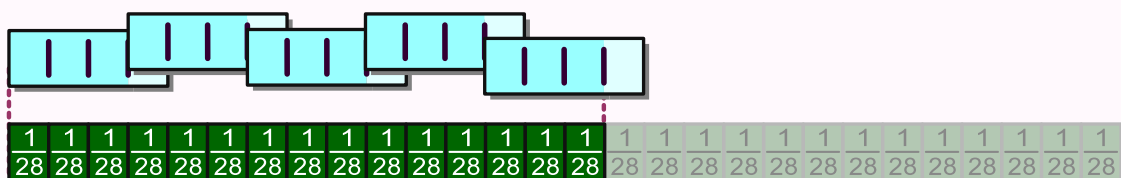
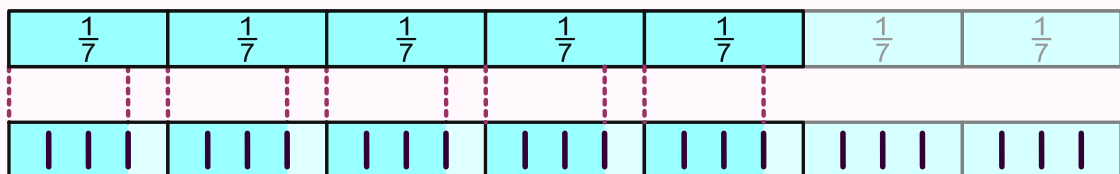
**Aufgabe 48 – Stufe 3**

$$\frac{3}{4} \cdot \frac{4}{7} =$$




**Aufgabe 49 – Lösung**

$$\frac{3}{4} \cdot \frac{5}{7} = \frac{3 \cdot 5}{4 \cdot 7} = \frac{15}{28} = \frac{9}{14}$$

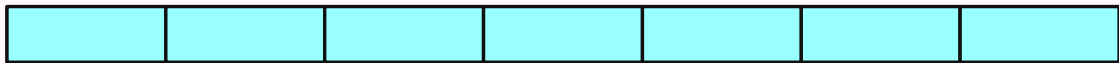


**Aufgabe 49 – Stufe 1**

$$\frac{3}{4} \cdot \frac{5}{7} =$$


**Aufgabe 49 – Stufe 2**

$$\frac{3}{4} \cdot \frac{5}{7} =$$



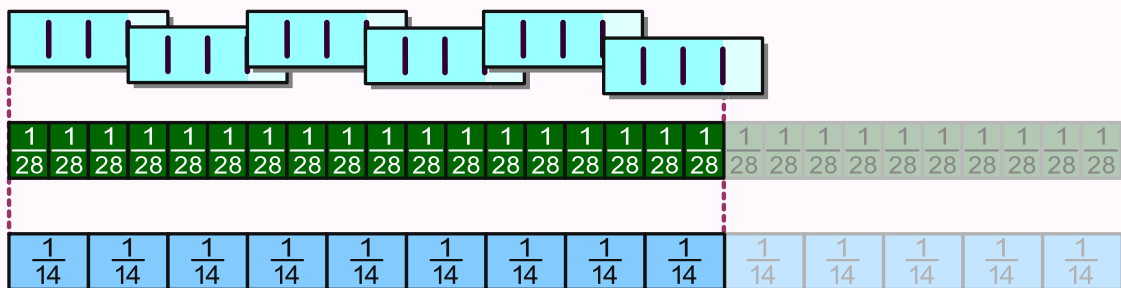
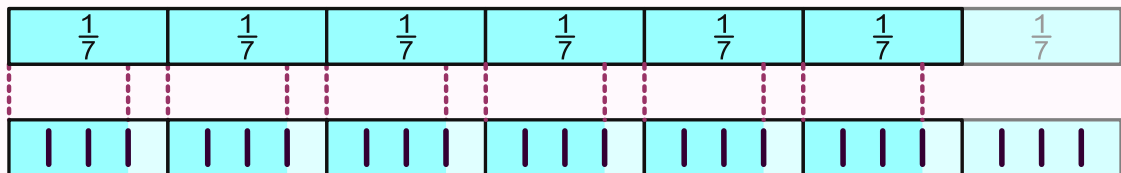
**Aufgabe 49 – Stufe 3**

$$\frac{3}{4} \cdot \frac{5}{7} =$$



**Aufgabe 50 – Lösung**

$$\frac{3}{4} \cdot \frac{6}{7} = \frac{3 \cdot 6}{4 \cdot 7} = \frac{18}{28} = \frac{9}{14}$$



**Aufgabe 50 – Stufe 1**

$$\frac{3}{4} \cdot \frac{6}{7} =$$


**Aufgabe 50 – Stufe 2**

$$\frac{3}{4} \cdot \frac{6}{7} =$$



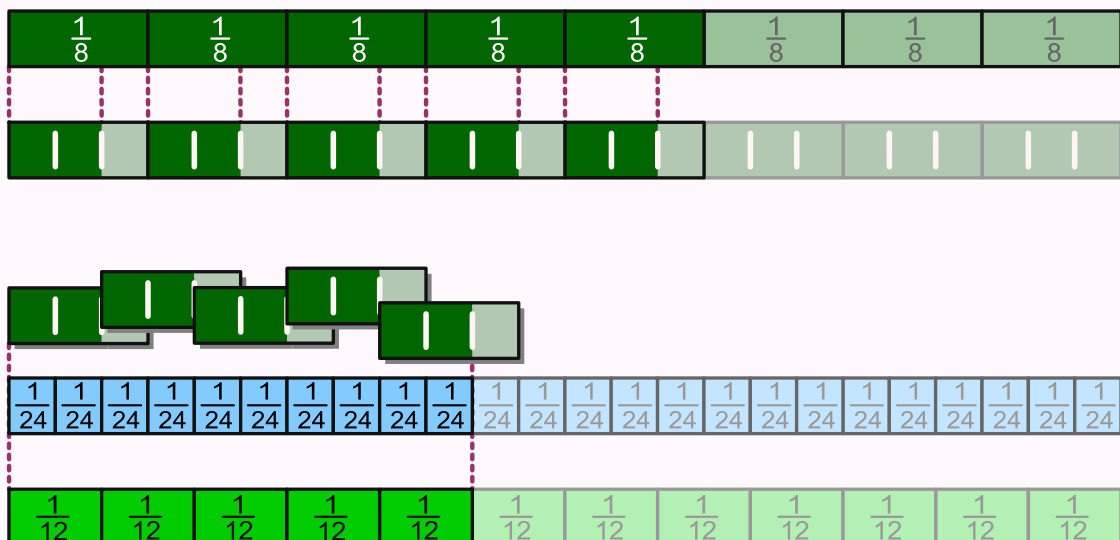
**Aufgabe 50 – Stufe 3**

$$\frac{3}{4} \cdot \frac{6}{7} =$$




**Aufgabe 51 – Lösung**

$$\frac{2}{3} \cdot \frac{5}{8} = \frac{2 \cdot 5}{3 \cdot 8} = \frac{10}{24} = \frac{5}{12}$$



**Aufgabe 51 – Stufe 1**

$$\frac{2}{3} \cdot \frac{5}{8} =$$


**Aufgabe 51 – Stufe 2**

$$\frac{2}{3} \cdot \frac{5}{8} =$$



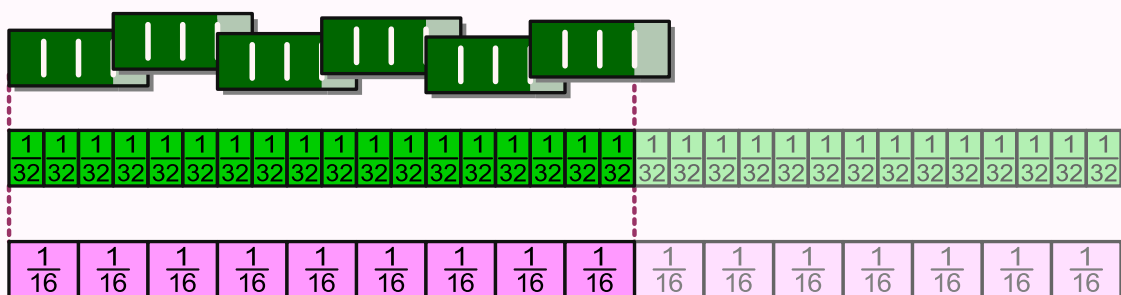
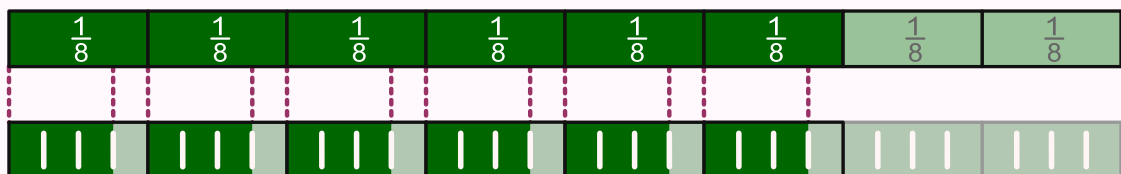
**Aufgabe 51 – Stufe 3**

$$\frac{2}{3} \cdot \frac{5}{8} =$$




**Aufgabe 52 – Lösung**

$$\frac{3}{4} \cdot \frac{6}{8} = \frac{3 \cdot 6}{4 \cdot 8} = \frac{18}{32} = \frac{9}{16}$$



**Aufgabe 52 – Stufe 1**

$$\frac{3}{4} \cdot \frac{6}{8} =$$


**Aufgabe 52 – Stufe 2**

$$\frac{3}{4} \cdot \frac{6}{8} =$$





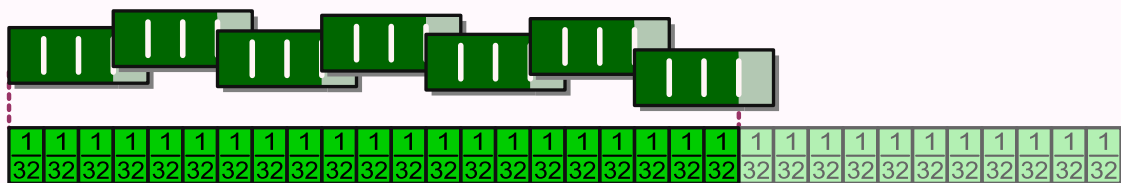
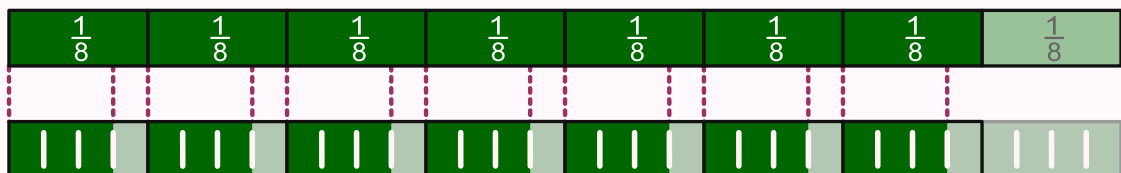
**Aufgabe 52 – Stufe 3**

$$\frac{3}{4} \cdot \frac{6}{8} =$$




**Aufgabe 53 – Lösung**

$$\frac{3}{4} \cdot \frac{7}{8} = \frac{3 \cdot 7}{4 \cdot 8} = \frac{21}{32}$$



**Aufgabe 53 – Stufe 1**

$$\frac{3}{4} \cdot \frac{7}{8} =$$


**Aufgabe 53 – Stufe 2**

$$\frac{3}{4} \cdot \frac{7}{8} =$$



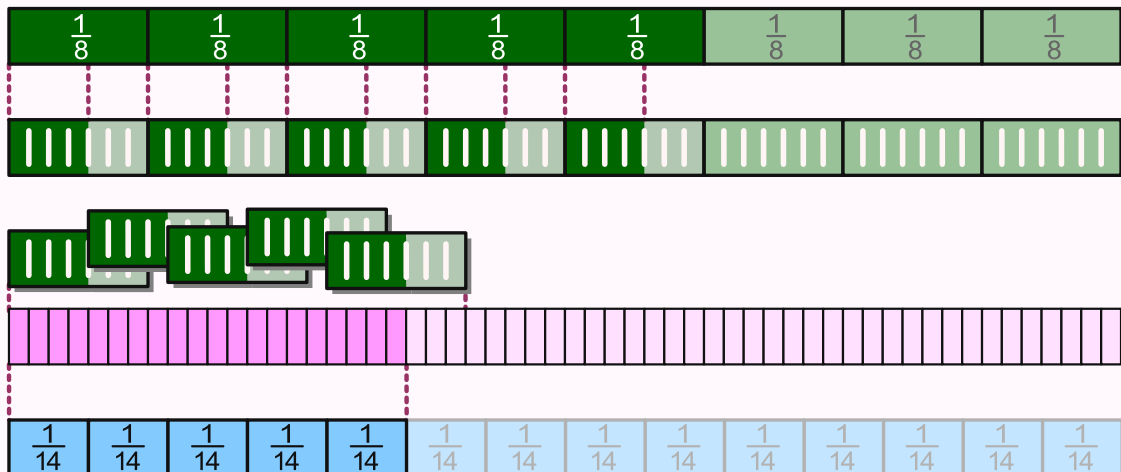
**Aufgabe 53 – Stufe 3**

$$\frac{3}{4} \cdot \frac{7}{8} =$$



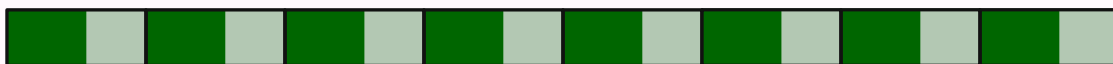
**Aufgabe 54 – Lösung**

$$\frac{4}{7} \cdot \frac{5}{8} = \frac{4 \cdot 5}{7 \cdot 8} = \frac{20}{56} = \frac{5}{14}$$

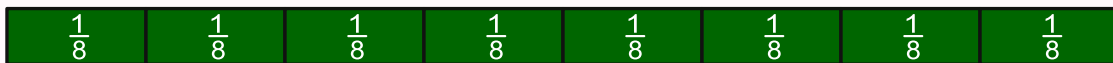


**Aufgabe 54 – Stufe 1**

$$\frac{4}{7} \cdot \frac{5}{8} =$$


**Aufgabe 54 – Stufe 2**

$$\frac{4}{7} \cdot \frac{5}{8} =$$



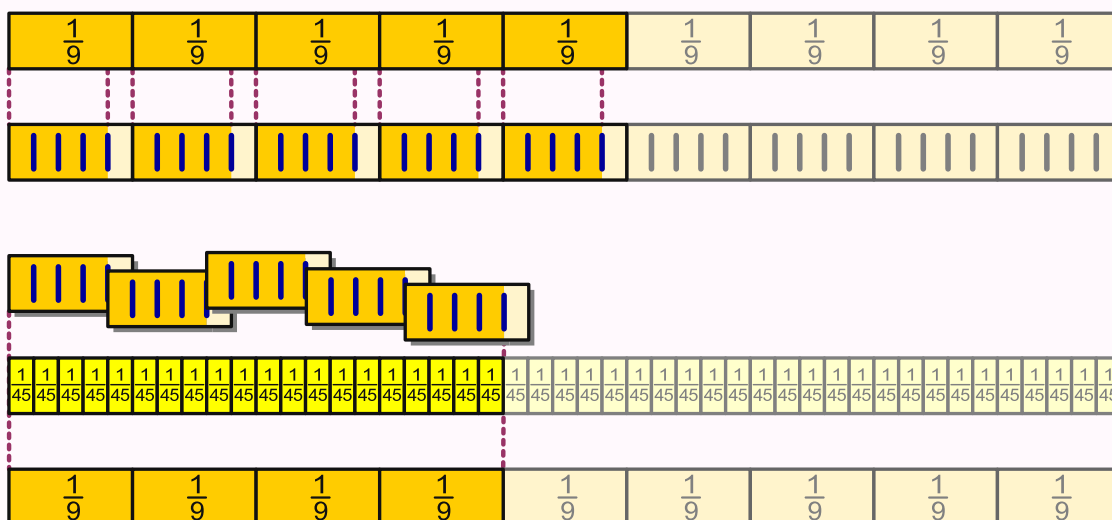
**Aufgabe 54 – Stufe 3**

$$\frac{4}{7} \cdot \frac{5}{8} =$$




**Aufgabe 55 – Lösung**

$$\frac{4}{5} \cdot \frac{5}{9} = \frac{4 \cdot 5}{5 \cdot 9} = \frac{20}{45} = \frac{4}{9}$$



**Aufgabe 55 – Stufe 1**

$$\frac{4}{5} \cdot \frac{5}{9} =$$


**Aufgabe 55 – Stufe 2**

$$\frac{4}{5} \cdot \frac{5}{9} =$$



**Aufgabe 55 – Stufe 3**

$$\frac{4}{5} \cdot \frac{5}{9} =$$




**Aufgabe 56 – Lösung**

$$\frac{2}{7} \cdot \frac{5}{9} = \frac{2 \cdot 5}{7 \cdot 9} = \frac{10}{63}$$



**Aufgabe 56 – Stufe 1**

$$\frac{2}{7} \cdot \frac{5}{9} =$$


**Aufgabe 56 – Stufe 2**

$$\frac{2}{7} \cdot \frac{5}{9} =$$





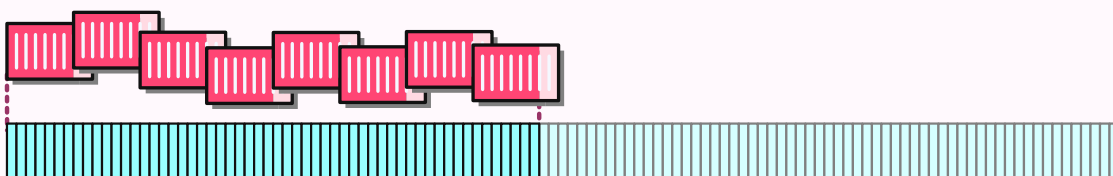
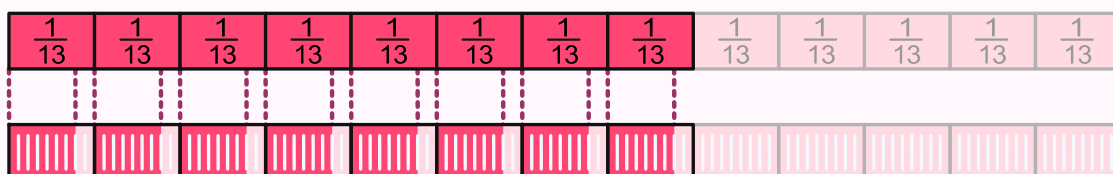
**Aufgabe 56 – Stufe 3**

$$\frac{2}{7} \cdot \frac{5}{9} =$$



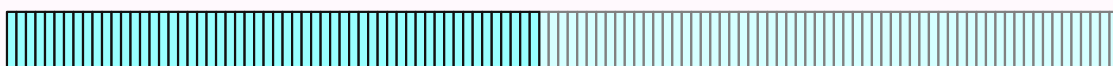

**Aufgabe 57 – Lösung**

$$\frac{7}{9} \cdot \frac{8}{13} = \frac{7 \cdot 8}{9 \cdot 13} = \frac{56}{117}$$

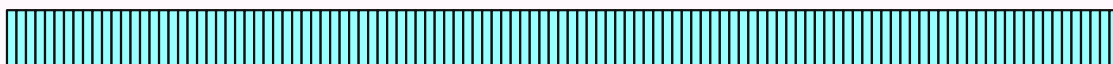


**Aufgabe 57 – Stufe 1**

$$\frac{7}{9} \cdot \frac{8}{13} =$$


**Aufgabe 57 – Stufe 2**

$$\frac{7}{9} \cdot \frac{8}{13} =$$



**Aufgabe 57 – Stufe 3**

$$\frac{7}{9} \cdot \frac{8}{13} =$$

