Multiplizieren von Brüchen mit Ganzzahlen

Name:

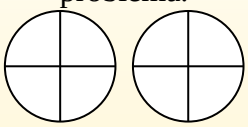
Wende das visuelle Modell an bei der Lösung jeder Aufgabe.

$^{2}/_{4} \times 3 =$

Para resolver problemas de multiplicación con fracciones, una estrategia es pensar en ellos como problemas de suma. Por ejemplo, el problema anterior es el mismo que: $^{2}/_{4} + {}^{2}/_{4} + {}^{2}/_{4}$

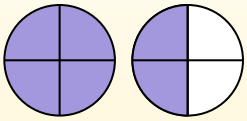
$^{2}/_{4} \times 3 =$

Si sombreamos 2/4 en las fracciones de abajo 3 veces, podemos ver una representación visual del problema.

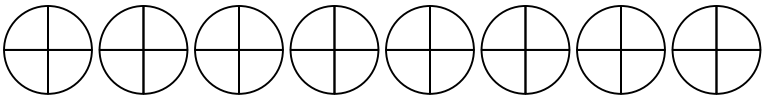


$^{2}/_{4} \times 3 = 1\,{}^{2}/_{4}$

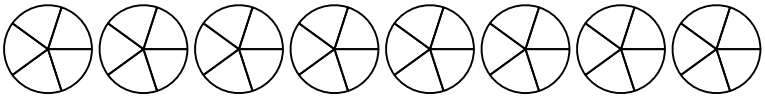
Después de sombrearlo, podemos ver por qué 2/4 tres veces es igual a 1 entero y $^{2}/_{4}$.



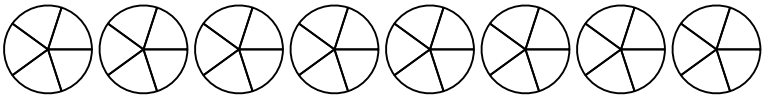
1) $\frac{1}{4} \cdot 7 =$



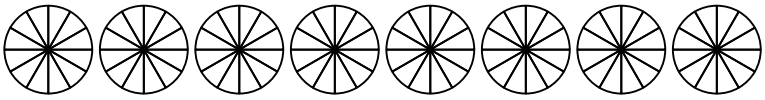
2) $\frac{2}{5} \cdot 4 =$



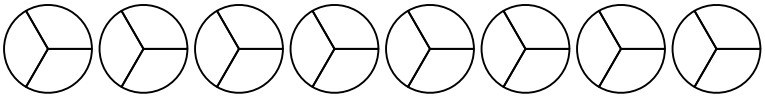
3) $\frac{2}{5} \cdot 2 =$



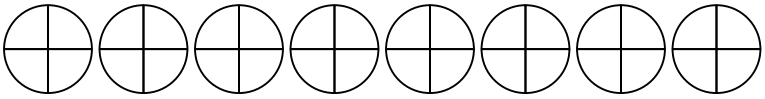
4) $\frac{9}{12} \cdot 7 =$



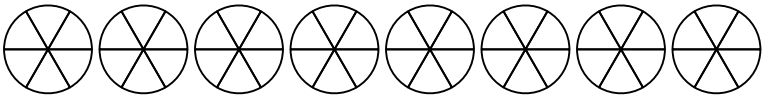
5) $\frac{2}{3} \cdot 5 =$



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



7) $\frac{3}{6} \cdot 5 =$



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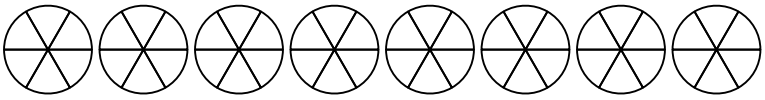

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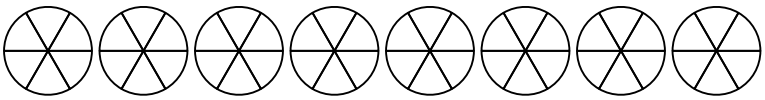
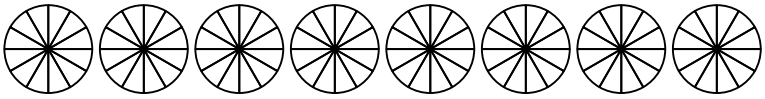
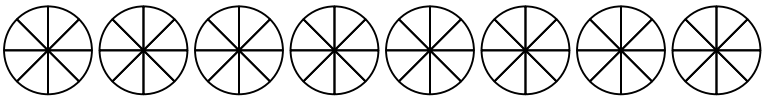


10) $\frac{10}{12} \cdot 2 =$



11) $\frac{5}{8} \cdot 6 =$



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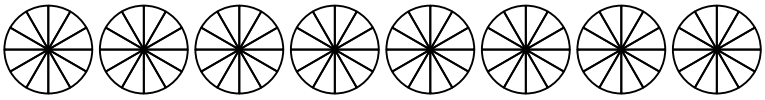

Antworten

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Multiplizieren von Brüchen mit Ganzzahlen

Name: **Lösungsschlüssel**

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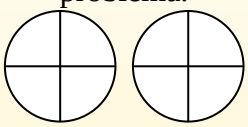

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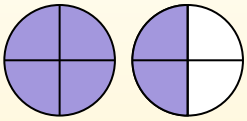

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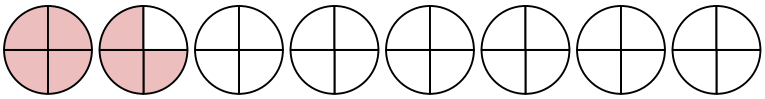
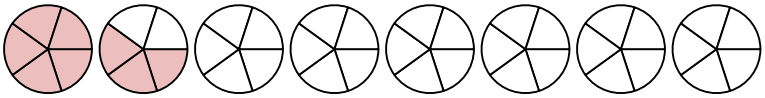
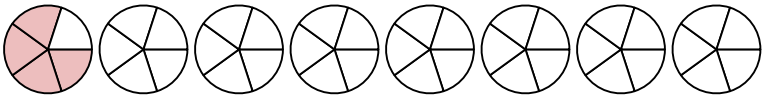


2) $\frac{2}{5} \cdot 4 =$



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



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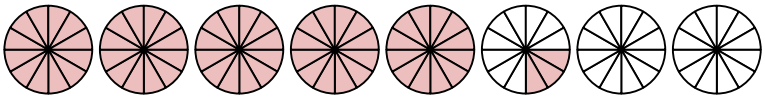

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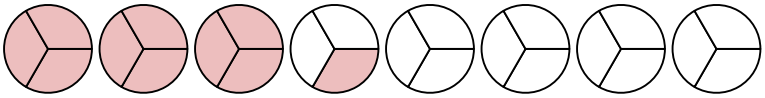

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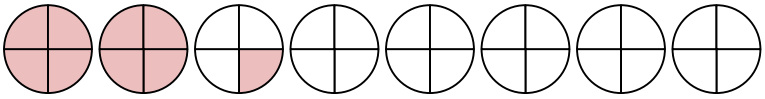

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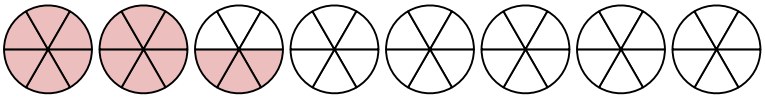

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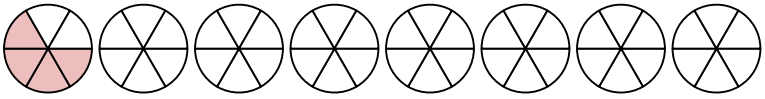

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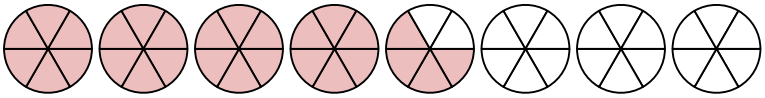

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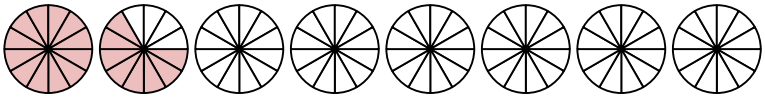

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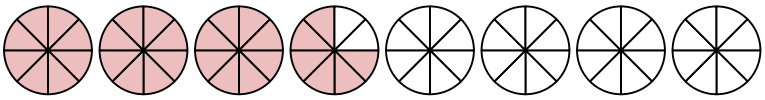

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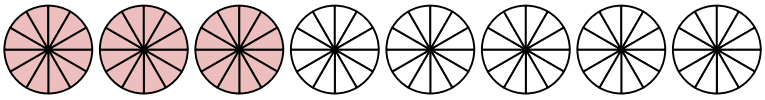

Antworten

1. $1\ ^{3}/_{4}$
2. $1\ ^{3}/_{5}$
3. $^{4}/_{5}$
4. $5\ ^{3}/_{12}$
5. $3\ ^{1}/_{3}$
6. $2\ ^{1}/_{4}$
7. $2\ ^{3}/_{6}$
8. $^{4}/_{6}$
9. $4\ ^{4}/_{6}$
10. $1\ ^{8}/_{12}$
11. $3\ ^{6}/_{8}$
12. $3\ ^{0}/_{12}$

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