Умножение дробей и целого числа (визуальное)

Имя:

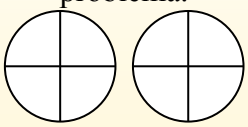
Используйте визуальную модель, чтобы решить задачу.

$^2/_4 \times 3 =$

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: $^2/_4 + {}^2/_4 + {}^2/_4$

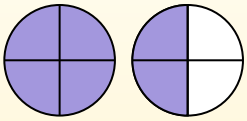
$^2/_4 \times 3 =$

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

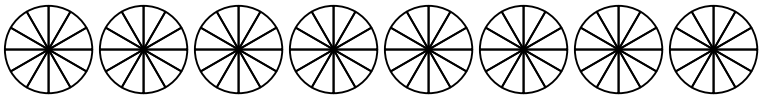


$^2/_4 \times 3 = 1\,{}^2/_4$

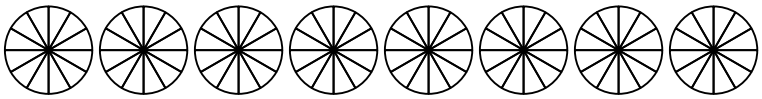
Después de sombrearlo, podemos ver por qué 2/4 tres veces es igual a 1 entero y $^2/_4$.



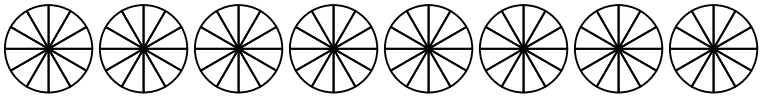
1) $\frac{7}{12} \times 5 =$



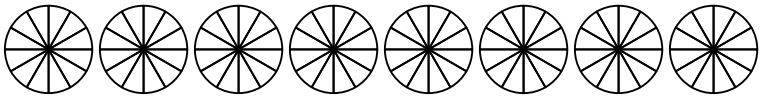
2) $\frac{11}{12} \times 7 =$



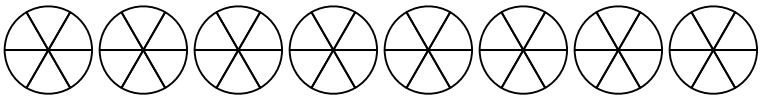
3) $\frac{2}{12} \times 5 =$



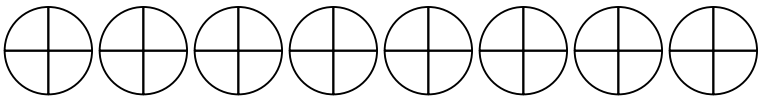
4) $\frac{3}{12} \times 6 =$



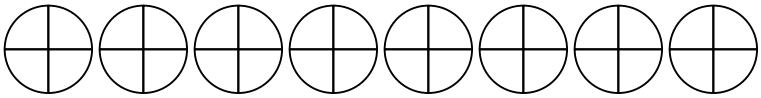
5) $\frac{3}{6} \times 5 =$



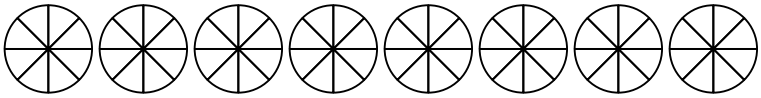
6) $\frac{2}{4} \times 7 =$



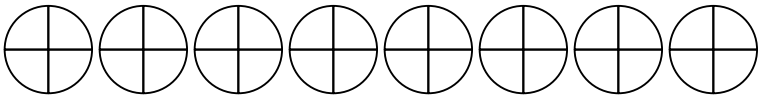
7) $\frac{2}{4} \times 6 =$



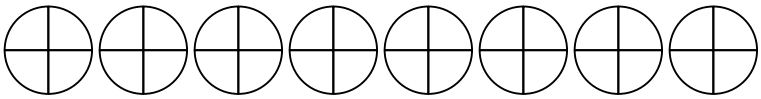
8) $\frac{7}{8} \times 3 =$



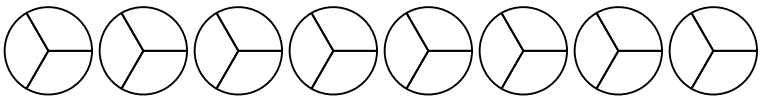
9) $\frac{2}{4} \times 5 =$



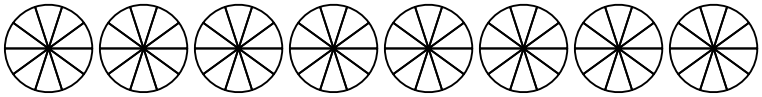
10) $\frac{2}{4} \times 2 =$



11) $\frac{2}{3} \times 2 =$



12) $\frac{3}{10} \times 3 =$



Ответы

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

Умножение дробей и целого числа (визуальное)

Имя: **Ключ к правильным ответам**

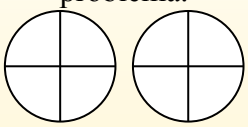
Используйте визуальную модель, чтобы решить задачу.

$^2/_4 \times 3 =$

Для решения задач умножения дробей, одна стратегия есть подумать о них как задачи суммирования. Например, задача выше то же самое как: $^2/_4 + {}^2/_4 + {}^2/_4$

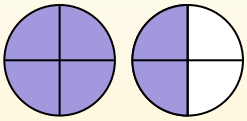
$^2/_4 \times 3 =$

Если мы затенить 2/4 в дробях ниже 3 раза, мы можем видеть визуальное представление проблемы.

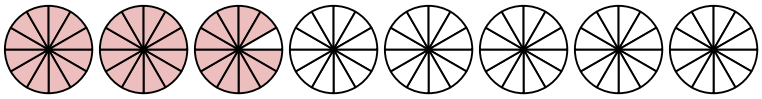


$^2/_4 \times 3 = 1\,{}^2/_4$

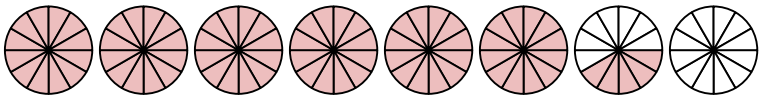
После затенения, мы можем видеть почему 2/4 три раза равно 1 целому и $^2/_4$.



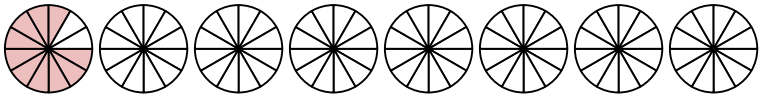
1) $\frac{7}{12} \times 5 =$



2) $\frac{11}{12} \times 7 =$



3) $\frac{2}{12} \times 5 =$



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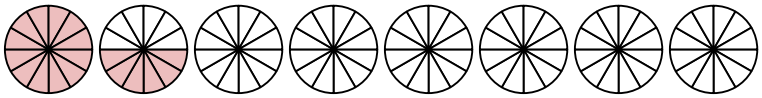

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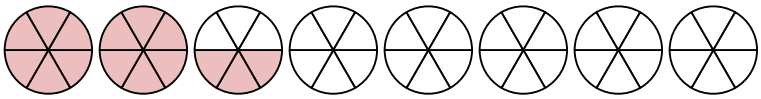

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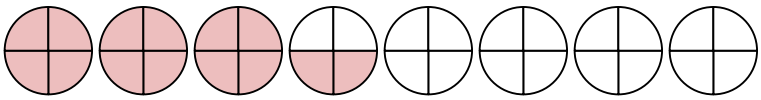

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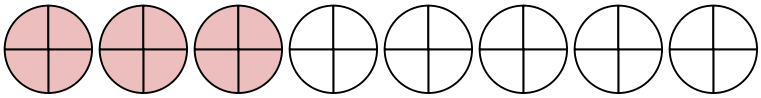

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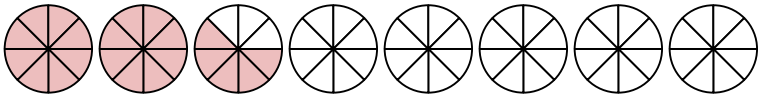

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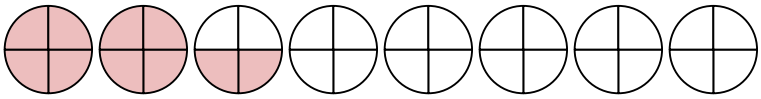

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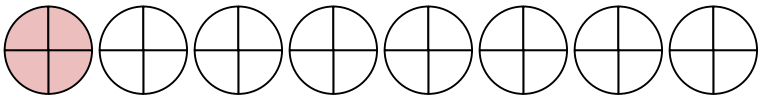

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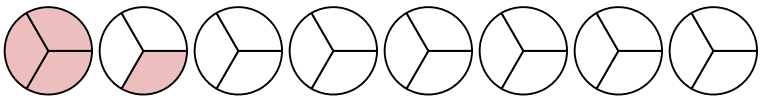

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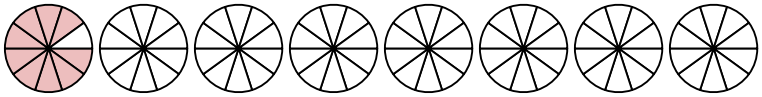

Ответы

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

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