

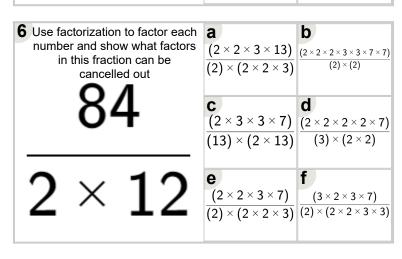
Math worksheet on 'Factoring - Simplifying Fractions

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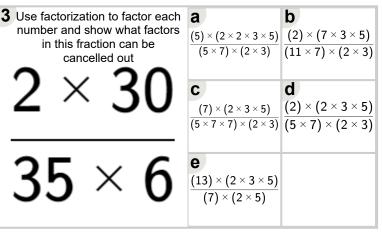
app.mobius.academy/math/units/factoring_multiplication_division_fractions_intro/

2 Use factorization to factor each number and show what factors in this fraction can be cancelled out	(5 × 7) × (3 × 7) (2 × 3 × 7) × (5)	
35 × 21	$ \begin{array}{c} $	$ \frac{(2 \times 7) \times (3 \times 7)}{(2 \times 3 \times 7) \times (5 \times 5)} $
42 × 5	$ \begin{array}{c} $	

4 Use factorization to factor each number and show what factors in this fraction can be cancelled out	(2 × 7 × 7) × (5) (5 × 7) × (13 × 7)	
98 × 5	$ \begin{array}{c} \mathbf{C} \\ (2 \times 7 \times 7) \times (5) \\ (5 \times 7) \times (5 \times 7) \end{array} $	$ \frac{d}{\frac{(2\times7\times7\times7)\times(5)}{(5)\times(5\times7)}} $
35 × 35	$ \begin{array}{c} \mathbf{e} \\ (7 \times 7) \times (5) \\ (5 \times 3) \times (5) \end{array} $	



1 Use factorization to factor each number and show what factors in this fraction can be cancelled out	$\frac{\mathbf{a}}{(2\times3\times7)\times(5)}$ $\frac{(3)\times(2\times5)}{(3)}$	$ \frac{(11 \times 3 \times 3 \times 7) \times (13)}{(2) \times (2 \times 2 \times 11)} $
42 × 5		$ \frac{\mathbf{d}}{(2 \times 3 \times 7) \times (7)} $ $ \frac{(2 \times 3 \times 7) \times (7)}{(2) \times (2 \times 5 \times 7)} $
2 × 70		



5 Use factorization to factor each number and show what factors in this fraction can be cancelled out	$\frac{(2\times3)\times(3)}{(3\times3\times5)\times(3)}$	$\frac{\mathbf{b}}{(2) \times (3 \times 5)} \\ \overline{(3 \times 5) \times (3)}$
${0 \times 12}$	$ \begin{array}{c} $	$ \frac{\mathbf{d}}{(2 \times 3) \times (3 \times 5)} \\ (3 \times 3 \times 5) \times (3) $
45 × 3	(3) × (3 × 5) (3 × 3 × 3 × 5) × (3)	

