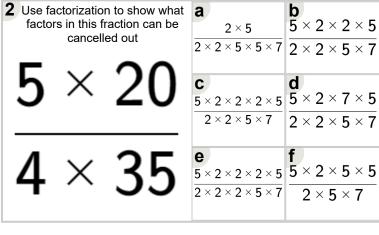
Name:_		



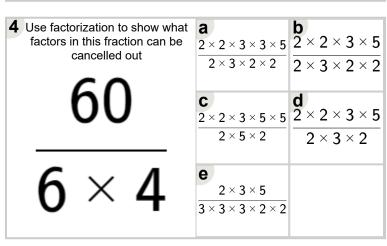
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Math worksheet on 'Factoring - Simplifying Fractions with Factors - Composite to Factored (Level 1)'. Part of a broader unit on 'Factoring, Multiplication, Division, Fractions - Intro'
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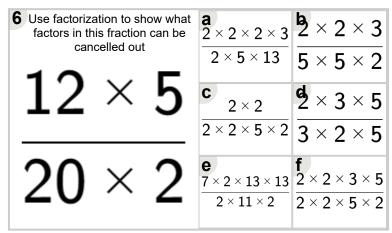
1 Use factorization to show what factors in this fraction can be cancelled out		$ \frac{3 \times 5 \times 2 \times 5}{5 \times 2 \times 5 \times 7} $
$\frac{10\times10}{}$	$\frac{\mathbf{c}}{2 \times 11 \times 2 \times 5}$ $2 \times 5 \times 7$	$ \frac{\mathbf{d}}{2 \times 5 \times 2 \times 5} $ $ \frac{2 \times 2 \times 2 \times 5 \times 7}{2 \times 2 \times 2 \times 5 \times 7} $
4 × 35		$ \frac{\mathbf{f}}{2 \times 5 \times 2 \times 5} \\ 2 \times 2 \times 5 \times 7 $



3 Use factorization to show what factors in this fraction can be cancelled out	$\frac{\mathbf{a}}{2 \times 5 \times 3 \times 3}$ $\frac{3 \times 3 \times 3}{3 \times 3 \times 3}$	$\frac{\mathbf{b}}{2 \times 5 \times 3 \times 3}$ 2×3
10 × 9		$\frac{\mathbf{d}}{2 \times 5 \times 3 \times 3}$ $\frac{2 \times 3 \times 3 \times 3}{2 \times 3 \times 3 \times 3}$
18 × 3	$\frac{\mathbf{e}}{2 \times 5 \times 3 \times 13}$ $2 \times 3 \times 3 \times 2$	



5 Use factorization to show what factors in this fraction can be cancelled out	$2 \times 5 \times 5 \times 5 \times 3 \times 3$	$5 \times 5 \times 3$
	$5 \times 2 \times 3 \times 3 \times 7$	2 × 7
50 × 3	$\begin{array}{c} \mathbf{C} \\ 2 \times 13 \times 5 \times 3 \end{array}$	$\frac{\mathbf{d}}{2 \times 5 \times 5 \times 3}$
	2 × 3 × 7	$5 \times 2 \times 3 \times 7$
5×42	e 2 × 5 × 5 × 3 × 3	
5 12	2 × 3 × 7	



	$\frac{\mathbf{b}}{2 \times 2 \times 2 \times 5}$
$2 \times 3 \times 2 \times 7$	$2 \times 2 \times 2 \times 7$
c 2 × 2 × 2 × 11	
2 × 7	$2 \times 2 \times 2 \times 2 \times 7$
$ \begin{array}{c} \mathbf{e} \\ 2 \times 2 \times 2 \times 5 \\ 2 \times 2 \times 2 \times 7 \times 7 \end{array} $	
	$ \begin{array}{c} 2 \times 3 \times 2 \times 7 \\ $