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Math worksheet on 'Factoring - Simplifying Fraction Multiplication with Factors - Composite to Factored (Level 1)'. Part of a broader unit on 'Factoring, Multiplication, Division, Fractions - Intro'

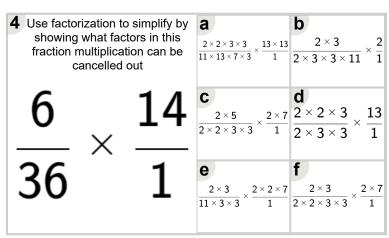
Learn online:

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

JS	1 Use factorization to showing what factor fraction multiplication cancelled o	ors in this on can be	$\frac{13 \times 5}{5 \times 7} \times \frac{2 \times 2 \times 3}{3 \times 3}$	$\frac{3}{2 \times 5 \times 5 \times 7} \times \frac{2 \times 3}{3}$
action tored ng,	$\frac{15}{-}$ $ imes$	6	$\frac{\mathbf{C}}{\frac{3}{2 \times 5 \times 7 \times 7} \times \frac{2 \times 3}{7}}$	$\frac{3\times5}{2\times5\times7}\times\frac{2\times3}{3}$
ns intro/	70	3	$\frac{6}{3 \times 5} \times \frac{7 \times 3}{3}$	$\frac{5 \times 5}{2 \times 5 \times 7} \times \frac{2 \times 2 \times 2}{3}$

2 Use factorization showing what fa fraction multiplic cancelle	actors in this cation can be	$\frac{\mathbf{a}}{\frac{2\times3}{5}}\times\frac{3\times3\times5}{2\times5}$	$\frac{\mathbf{b}}{\frac{13 \times 3}{5}} \times \frac{3 \times 5}{2 \times 3 \times 5}$
6 ×	<u>15</u>	$\frac{\mathbf{c}}{\frac{2\times3}{5}}\times\frac{3\times5}{2\times3\times5}$	$\frac{\mathbf{d}}{\frac{2\times3}{5}\times\frac{3\times5}{2\times3}}$
5	30	$\frac{\mathbf{e}}{\frac{2\times7}{5}} \times \frac{3\times3\times5}{2\times3\times5}$	$\frac{\mathbf{f}}{\frac{13 \times 3 \times 3}{5}} \times \frac{3 \times 3 \times 5}{2 \times 3 \times 5}$

3 Use factorization to simplify by showing what factors in this fraction multiplication can be cancelled out	$\frac{2 \times 2 \times 3 \times 3}{2 \times 3 \times 7} \times \frac{2}{3}$	$\frac{\textbf{b}}{\frac{2\times2\times3}{2\times2\times7}}\times\frac{2}{3}$
$\frac{12}{2} \times \frac{2}{2}$	$\frac{\mathbf{c}}{\frac{3\times11}{7\times2\times7}}\times\frac{2}{3}$	$\frac{2 \times 2 \times 2 \times 3}{2 \times 2 \times 2 \times 7} \times \frac{2 \times 2}{3}$
28 3	$\frac{\mathbf{e}}{\frac{2\times2\times3}{3\times2\times7}}\times\frac{5}{3}$	$\frac{\mathbf{f}}{\frac{2 \times 2 \times 3}{2 \times 2 \times 7}} \times \frac{2}{3 \times 3}$



5 Use factorization showing what fraction multipli cancelle	factors in this cation can be	$\frac{\mathbf{a}}{7} \times \frac{2 \times 3 \times 7}{2 \times 5 \times 5}$	$\frac{5}{11} \times \frac{2 \times 7}{2 \times 5 \times 5}$
5 - ×	42	$\frac{\mathbf{C}}{\frac{5}{7}} \times \frac{11 \times 7}{2 \times 2 \times 5 \times 5}$	$\frac{\mathbf{d}}{\frac{7}{7}} \times \frac{2 \times 3 \times 7}{2 \times 5 \times 5}$
7	50	$\frac{\mathbf{e}}{5} \times \frac{2 \times 3 \times 2}{2 \times 5 \times 5}$	

