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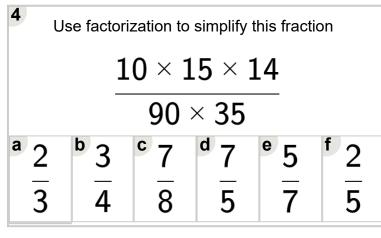


Math worksheet on 'Factoring - Simplifying Fractions with Factors - Composite to Simplified (Level 2)'. Part of a broader unit on 'Factoring, Multiplication, Division, Fractions - Intro'
Learn online:
app.mobius.academy/math/units/factoring_multiplication_division_fractions_intro/
2 Use factorization to simplify a b = c =

Use factorization to simplify this fraction	<sup>a</sup> 7	2	<sup>c</sup> 2
90 × 15	5	3	7
$\frac{30\times13}{45\times2\times10}$	<sup>d</sup> 5	e 3	<sup>f</sup> 3
43 ^ 2 ^ 10	2	2	4

Use factorization to simplify this fraction	<sup>a</sup> 2	<sup>b</sup> 7	° 5
25 × 3 × 30	3	$\overline{2}$	3
$\frac{23\times3\times30}{6\times75\times2}$	<sup>d</sup> 5	e 2	<sup>f</sup> 5
0 ~ 13 ^ 2	2	7	7

3 Use factorization to simplify this fraction	<sup>a</sup> 2	<sup>b</sup> 7	<sup>c</sup> 2
5 × 25 × 42	3	8	<u>5</u>
$\frac{3\times23\times42}{2\times75\times49}$	<sup>d</sup> 7	<sup>e</sup> 5	<sup>f</sup> 5
2 1 3 1 4 4 5	3	7	3



Use factorization to simplify this fraction	<sup>a</sup> 3	<sup>b</sup> 2	° 3
21 × 24	5	3	4
$\frac{21}{4 \times 7 \times 12}$	<sup>d</sup> 5	e 2	<sup>f</sup> 3
4 ^ 1 ^ 12	3	7	2

6 Use factorization to simplify this fraction	<sup>a</sup> 3	<sup>b</sup> 5	<sup>c</sup> 7
42 × 63	5	3	8
$\frac{42\times03}{18\times7\times14}$	<sup>d</sup> 5	e 3	<sup>f</sup> 3
	2	4	2

7 Use factorization to simplify this fraction	<sup>a</sup> 2	<sup>b</sup> 2	° 3
28 × 20	3	5	4
$\frac{20 \times 20}{70 \times 4 \times 7}$	<sup>d</sup> 3	e 5	<sup>f</sup> 2
10 ^ 4 ^ 1	7	7	7