



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

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1 Use factorization to simplify this fraction

$$\frac{63 \times 3}{9 \times 6}$$

a $\frac{3}{2}$	b $\frac{5}{7}$	c $\frac{7}{8}$
d $\frac{7}{5}$	e $\frac{7}{2}$	f $\frac{2}{5}$

2 Use factorization to simplify this fraction

$$\frac{2 \times 50}{10 \times 25}$$

a $\frac{3}{4}$	b $\frac{2}{7}$	c $\frac{3}{5}$
d $\frac{7}{8}$	e $\frac{7}{5}$	f $\frac{2}{5}$

3 Use factorization to simplify this fraction

$$\frac{2 \times 12}{4 \times 15}$$

a $\frac{7}{3}$	b $\frac{5}{2}$	c $\frac{2}{7}$
d $\frac{7}{8}$	e $\frac{7}{5}$	f $\frac{2}{5}$

4 Use factorization to simplify this fraction

$$\frac{21 \times 10}{42 \times 7}$$

a $\frac{3}{7}$	b $\frac{2}{7}$	c $\frac{7}{8}$
d $\frac{5}{3}$	e $\frac{5}{7}$	f $\frac{7}{2}$

5 Use factorization to simplify this fraction

$$\frac{10 \times 35}{3 \times 70}$$

a $\frac{7}{5}$	b $\frac{5}{2}$	c $\frac{5}{3}$
d $\frac{5}{7}$	e $\frac{7}{3}$	f $\frac{2}{3}$

6 Use factorization to simplify this fraction

$$\frac{10 \times 35}{50 \times 5}$$

a $\frac{2}{3}$	b $\frac{7}{3}$	c $\frac{5}{6}$
d $\frac{7}{5}$	e $\frac{3}{5}$	f $\frac{2}{7}$

7 Use factorization to simplify this fraction

$$\frac{24}{6 \times 6}$$

a $\frac{2}{7}$	b $\frac{3}{5}$	c $\frac{5}{3}$
d $\frac{2}{3}$	e $\frac{3}{7}$	f $\frac{3}{4}$