



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

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1 Use factorization to simplify this fraction

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

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

2 Use factorization to simplify this fraction

$$\frac{6 \times 14}{9 \times 4}$$

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

3 Use factorization to simplify this fraction

$$\frac{10 \times 4}{5 \times 20}$$

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

4 Use factorization to simplify this fraction

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

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

5 Use factorization to simplify this fraction

$$\frac{9 \times 14}{30 \times 3}$$

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

6 Use factorization to simplify this fraction

$$\frac{4 \times 14}{2 \times 12}$$

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

7 Use factorization to simplify this fraction

$$\frac{24}{10 \times 4}$$

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