



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

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1 Use factorization to simplify

$$\frac{35}{45} \div \frac{7}{15}$$

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

2 Use factorization to simplify

$$\frac{70}{14} \div \frac{14}{2}$$

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

3 Use factorization to simplify

$$\frac{5}{35} \div \frac{14}{70}$$

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

4 Use factorization to simplify

$$\frac{2}{10} \div \frac{35}{70}$$

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

5 Use factorization to simplify

$$\frac{30}{5} \div \frac{12}{3}$$

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

6 Use factorization to simplify

$$\frac{14}{2} \div \frac{28}{14}$$

a $\frac{2}{7}$	b $\frac{2}{3}$	c $\frac{3}{4}$
d $\frac{5}{6}$	e $\frac{7}{2}$	f $\frac{3}{7}$

7 Use factorization to simplify

$$\frac{12}{6} \div \frac{35}{7}$$

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