



Math worksheet on 'Factoring - Simplifying Fraction Multiplication 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

$\frac{5}{75} \times \frac{18}{3}$	a $\frac{2}{3}$	b $\frac{5}{3}$	c $\frac{5}{7}$
	d $\frac{2}{5}$	e $\frac{2}{7}$	f $\frac{5}{6}$

2 Use factorization to simplify

$\frac{49}{98} \times \frac{4}{7}$	a $\frac{2}{7}$	b $\frac{7}{8}$	c $\frac{7}{3}$
	d $\frac{7}{2}$	e $\frac{3}{7}$	f $\frac{7}{5}$

3 Use factorization to simplify

$\frac{5}{24} \times \frac{12}{1}$	a $\frac{7}{3}$	b $\frac{7}{8}$	c $\frac{5}{6}$
	d $\frac{5}{2}$	e $\frac{5}{3}$	f $\frac{3}{2}$

4 Use factorization to simplify

$\frac{75}{5} \times \frac{7}{70}$	a $\frac{7}{2}$	b $\frac{2}{7}$	c $\frac{3}{7}$
	d $\frac{3}{2}$	e $\frac{2}{3}$	f $\frac{3}{4}$

5 Use factorization to simplify

$\frac{14}{5} \times \frac{10}{70}$	a $\frac{3}{5}$	b $\frac{2}{3}$	c $\frac{5}{6}$
	d $\frac{7}{2}$	e $\frac{2}{5}$	f $\frac{5}{2}$

6 Use factorization to simplify

$\frac{70}{25} \times \frac{7}{14}$	a $\frac{5}{7}$	b $\frac{2}{3}$	c $\frac{7}{5}$
	d $\frac{2}{5}$	e $\frac{2}{7}$	f $\frac{3}{2}$

7 Use factorization to simplify

$\frac{40}{70} \times \frac{1}{2}$	a $\frac{5}{6}$	b $\frac{7}{2}$	c $\frac{2}{3}$
	d $\frac{3}{7}$	e $\frac{2}{7}$	f $\frac{5}{3}$