Factoring - Simplifying Fraction Multiplication with Factors - Composite to Simplified

1 Use factorization to simplify

$$\frac{10}{5} \times \frac{25}{70}$$

A $\frac{2}{5}$ B $\frac{5}{6}$ C $\frac{7}{3}$

D $\frac{5}{7}$ E $\frac{7}{2}$ F $\frac{2}{7}$

2 Use factorization to simplify

$$\frac{50}{10} \times \frac{3}{35}$$

A $\frac{2}{7}$ B $\frac{2}{5}$ C $\frac{5}{2}$

D $\frac{5}{7}$ E $\frac{3}{7}$ F $\frac{3}{2}$

3 Use factorization to simplify

$$\frac{1}{2} \times \frac{40}{30}$$

A $\frac{7}{3}$ B $\frac{5}{2}$ C $\frac{5}{3}$

D $\frac{2}{3}$ E $\frac{2}{5}$ F $\frac{7}{2}$

4 Use factorization to simplify

$$\frac{14}{7} \times \frac{10}{50}$$

A $\frac{2}{3}$ B $\frac{2}{5}$ C $\frac{5}{3}$

D $\frac{3}{2}$ E $\frac{7}{3}$ F $\frac{7}{8}$

5 Use factorization to simplify

$$\frac{14}{3} \times \frac{6}{12}$$

A $\frac{7}{3}$ B $\frac{2}{5}$ C $\frac{3}{2}$

D $\frac{3}{5}$ E $\frac{2}{3}$ F $\frac{5}{7}$

6 Use factorization to simplify

$$\frac{5}{9} \times \frac{18}{25}$$

A $\frac{7}{8}$ B $\frac{2}{3}$ C $\frac{2}{7}$

D $\frac{2}{5}$ E $\frac{5}{6}$ F $\frac{3}{5}$

7 Use factorization to simplify

$$\frac{3}{9} \times \frac{45}{9}$$

A $\frac{2}{3}$ B $\frac{5}{3}$ C $\frac{7}{2}$

D $\frac{5}{6}$ E $\frac{3}{5}$ F $\frac{2}{5}$

8 Use factorization to simplify

$$\frac{6}{2} \times \frac{9}{18}$$

A $\frac{2}{3}$ B $\frac{3}{2}$ C $\frac{5}{6}$

D $\frac{7}{2}$ E $\frac{5}{3}$ F $\frac{2}{5}$