



Factoring - Simplifying Fractions with Factors - Composite to Simplified

1 Use factorization to simplify this fraction

$$\frac{8 \times 7}{4 \times 35}$$

A $\frac{2}{3}$

B $\frac{5}{2}$

C $\frac{2}{5}$

D $\frac{5}{7}$

E $\frac{7}{8}$

F $\frac{2}{7}$

2 Use factorization to simplify this fraction

$$\frac{60}{70 \times 3}$$

A $\frac{2}{3}$

B $\frac{3}{5}$

C $\frac{2}{5}$

D $\frac{2}{7}$

E $\frac{7}{3}$

F $\frac{3}{7}$

3 Use factorization to simplify this fraction

$$\frac{2 \times 42}{8 \times 7}$$

A $\frac{2}{3}$

B $\frac{2}{7}$

C $\frac{5}{6}$

D $\frac{7}{3}$

E $\frac{3}{2}$

F $\frac{7}{8}$

4 Use factorization to simplify this fraction

$$\frac{14 \times 14}{7 \times 70}$$

A $\frac{2}{5}$

B $\frac{3}{7}$

C $\frac{3}{5}$

D $\frac{5}{2}$

E $\frac{2}{3}$

F $\frac{5}{6}$

5 Use factorization to simplify this fraction

$$\frac{21 \times 21}{49 \times 6}$$

A $\frac{7}{8}$

B $\frac{3}{2}$

C $\frac{2}{7}$

D $\frac{5}{6}$

E $\frac{2}{3}$

F $\frac{7}{5}$

6 Use factorization to simplify this fraction

$$\frac{15 \times 21}{7 \times 30}$$

A $\frac{2}{3}$

B $\frac{3}{2}$

C $\frac{5}{2}$

D $\frac{3}{4}$

E $\frac{7}{5}$

F $\frac{5}{3}$

7 Use factorization to simplify this fraction

$$\frac{6 \times 4}{2 \times 42}$$

A $\frac{5}{7}$

B $\frac{7}{5}$

C $\frac{2}{7}$

D $\frac{2}{3}$

E $\frac{3}{5}$

F $\frac{7}{3}$

8 Use factorization to simplify this fraction

$$\frac{7 \times 12}{6 \times 6}$$

A $\frac{3}{7}$

B $\frac{5}{7}$

C $\frac{7}{3}$

D $\frac{2}{3}$

E $\frac{7}{2}$

F $\frac{3}{4}$