Name

Factoring - Simplifying Fractions with Factors - Factored to Simplified

1 Simplify this fraction by cancelling identical terms on top and bottom

$$\frac{7 \times 2 \times 5 \times 7}{5 \times 7 \times 5 \times 7}$$

A $\dfrac{3}{2}$ B $\dfrac{7}{8}$ C $\dfrac{5}{3}$ D $\dfrac{7}{5}$ E $\dfrac{2}{7}$ F $\dfrac{2}{5}$

2 Simplify this fraction by cancelling identical terms on top and bottom

$$\frac{2 \times 3 \times 5 \times 7}{2 \times 7 \times 7 \times 5}$$

A $\dfrac{5}{2}$ B $\dfrac{5}{3}$ C $\dfrac{7}{3}$ D $\dfrac{2}{3}$ E $\dfrac{3}{7}$ F $\dfrac{5}{7}$

3 Simplify this fraction by cancelling identical terms on top and bottom

$$\frac{3 \times 3 \times 2 \times 7}{2 \times 3 \times 7 \times 2}$$

A $\dfrac{5}{7}$ B $\dfrac{5}{2}$ C $\dfrac{7}{5}$ D $\dfrac{5}{3}$ E $\dfrac{3}{2}$ F $\dfrac{7}{8}$

4 Simplify this fraction by cancelling identical terms on top and bottom

$$\frac{3 \times 5 \times 2 \times 5}{2 \times 2 \times 3 \times 5}$$

A $\dfrac{2}{5}$ B $\dfrac{7}{3}$ C $\dfrac{5}{2}$ D $\dfrac{5}{3}$ E $\dfrac{3}{4}$ F $\dfrac{3}{2}$

5 Simplify this fraction by cancelling identical terms on top and bottom

$$\frac{2 \times 3 \times 2 \times 3}{2 \times 3 \times 7 \times 2}$$

A $\dfrac{3}{4}$ B $\dfrac{7}{3}$ C $\dfrac{3}{7}$ D $\dfrac{5}{3}$ E $\dfrac{2}{3}$ F $\dfrac{5}{6}$

6 Simplify this fraction by cancelling identical terms on top and bottom

$$\frac{5 \times 3 \times 3 \times 7}{7 \times 7 \times 3 \times 3}$$

A $\dfrac{7}{8}$ B $\dfrac{5}{7}$ C $\dfrac{3}{4}$ D $\dfrac{7}{2}$ E $\dfrac{2}{5}$ F $\dfrac{3}{2}$

7 Simplify this fraction by cancelling identical terms on top and bottom

$$\frac{3 \times 5 \times 5 \times 7}{2 \times 3 \times 5 \times 5}$$

A $\dfrac{7}{8}$ B $\dfrac{7}{2}$ C $\dfrac{3}{2}$ D $\dfrac{7}{5}$ E $\dfrac{2}{5}$ F $\dfrac{3}{7}$

8 Simplify this fraction by cancelling identical terms on top and bottom

$$\frac{2 \times 3 \times 5 \times 7}{2 \times 3 \times 5 \times 5}$$

A $\dfrac{7}{5}$ B $\dfrac{2}{3}$ C $\dfrac{3}{2}$ D $\dfrac{3}{7}$ E $\dfrac{2}{7}$ F $\dfrac{5}{6}$