

Simplifying Fractions by Factoring the Numerator and Denominator

Simplify by factoring the numerator and denominator.

1) $\frac{8}{20}$

2) $\frac{15}{40}$

3) $-\frac{24}{72}$

4) $-\frac{30}{39}$

5) $\frac{48}{80}$

6) $\frac{63}{81}$

7) $-\frac{28}{49}$

8) $-\frac{15}{60}$

9) $-\frac{90}{135}$

10) $\frac{120}{125}$

11) $-\frac{108}{120}$

12) $\frac{300}{630}$

Answers to Simplifying Fractions by Factoring the Numerator and Denominator

1) $\frac{2}{5}$

2) $\frac{3}{8}$

3) $-\frac{1}{3}$

4) $-\frac{10}{13}$

5) $\frac{3}{5}$

6) $\frac{7}{9}$

7) $-\frac{4}{7}$

8) $-\frac{1}{4}$

9) $-\frac{2}{3}$

10) $\frac{24}{25}$

11) $\frac{9}{10}$

12) $\frac{10}{21}$