

Simplification de fractions

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$$\frac{10}{-12} = \frac{-5}{6} = \frac{-25}{30} = \frac{45}{-54} = -\frac{15}{18}$$

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$$\text{a. } -\frac{28}{35} = \frac{-4}{5} \quad \text{b. } \frac{40}{48} = \frac{5}{6} \quad \text{c. } \frac{-63}{-49} = \frac{9}{7}$$

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$$\text{a. } \frac{21}{6} = \frac{7 \times 3}{2 \times 3} = \frac{7}{2}$$

$$\text{b. } -\frac{14}{12} = -\frac{7 \times 2}{6 \times 2} = -\frac{7}{6}$$

$$\text{c. } \frac{-48}{-18} = \frac{-8 \times 6}{-3 \times 6} = \frac{-8}{-3} = \frac{8}{3}$$

$$\text{d. } \frac{15}{45} = \frac{1 \times 15}{3 \times 15} = \frac{1}{3}$$

$$\text{e. } -\frac{16}{24} = -\frac{2 \times 8}{3 \times 8} = -\frac{2}{3}$$

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$$\frac{5}{7} = \frac{30}{42} = \frac{35}{49} = \frac{40}{56}$$

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$$\text{a. } A = -\frac{30}{105} = -\frac{10 \times 3}{35 \times 3} = -\frac{10}{35}$$

$$A = -\frac{30}{105} = -\frac{6 \times 5}{21 \times 5} = -\frac{6}{21}$$

$$\text{b. } A = -\frac{30}{105} = -\frac{2 \times 15}{7 \times 15} = -\frac{2}{7}$$