



Simplificação de fração

Ouçá o recado.

1) Agora observe o exemplo e simplifique as outras frações.



$$\frac{5}{10} = \frac{1}{2}$$

Diagram showing the simplification of $\frac{5}{10}$ to $\frac{1}{2}$ by dividing both numerator and denominator by 5. Red arrows indicate the division process.

$$\frac{4}{6} = \frac{\boxed{}}{\boxed{}}$$

Diagram showing the simplification of $\frac{4}{6}$ by dividing both numerator and denominator by 2. Red arrows indicate the division process.

$$\frac{10}{30} = \frac{\boxed{}}{\boxed{}}$$

Diagram showing the simplification of $\frac{10}{30}$ by dividing both numerator and denominator by 10. Red arrows indicate the division process.

$$\frac{6}{18} = \frac{\boxed{}}{\boxed{}}$$

Diagram showing the simplification of $\frac{6}{18}$ by dividing both numerator and denominator by 6. Red arrows indicate the division process.

$$\frac{15}{6} = \frac{\boxed{}}{\boxed{}}$$

Diagram showing the simplification of $\frac{15}{6}$ by dividing both numerator and denominator by 3. Red arrows indicate the division process.

$$\frac{8}{40} = \frac{\boxed{}}{\boxed{}}$$

Diagram showing the simplification of $\frac{8}{40}$ by dividing both numerator and denominator by 4. Red arrows indicate the division process.

2) Leia o que Júnior diz e simplifique as frações abaixo.

Podemos simplificar frações "cortando" no numerador e no denominador o mesmo número de zeros. Repara:



$$\frac{4\cancel{0}\cancel{0}}{30\cancel{0}\cancel{0}} = \frac{4}{30}$$

$$\frac{20}{150} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{400}{3000} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{15\,000}{75\,000} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{10}{450} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{250\,000}{59\,000} = \frac{\boxed{}}{\boxed{}}$$

3) As frações apresentadas são equivalentes à fração $\frac{160}{320}$.
Assinale com X a fração irredutível (que não é possível simplificar mais).

$$\frac{160}{320}$$

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$$\frac{16}{32}$$

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$$\frac{8}{16}$$

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$$\frac{1}{2}$$

☐

$$\frac{4}{8}$$

☐

$$\frac{2}{4}$$

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