

ESCREVA – Frações Equivalentes

1. Escreva o número pelo qual devemos multiplicar ou dividir o numerador e o denominador (ao mesmo tempo) para obter a fração equivalente: (Pode usar * para MULTIPLICAÇÃO e : para DIVISÃO)

$$\frac{3}{4} = \frac{9}{12}$$

Diagram showing a curved arrow from 3 to 9 and 4 to 12, with a box containing $\times 3$ above the arrow.

$$\frac{1}{2} = \frac{4}{8}$$

Diagram showing a curved arrow from 1 to 4 and 2 to 8, with an empty box above the arrow.

$$\frac{2}{7} = \frac{6}{21}$$

Diagram showing a curved arrow from 2 to 6 and 7 to 21, with an empty box above the arrow.

$$\frac{14}{21} = \frac{2}{3}$$

Diagram showing a curved arrow from 14 to 2 and 21 to 3, with an empty box above the arrow.

$$\frac{3}{5} = \frac{24}{40}$$

Diagram showing a curved arrow from 3 to 24 and 5 to 40, with an empty box above the arrow.

$$\frac{20}{35} = \frac{4}{7}$$

Diagram showing a curved arrow from 20 to 4 and 35 to 7, with an empty box above the arrow.

$$\frac{70}{80} = \frac{7}{8}$$

Diagram showing a curved arrow from 70 to 7 and 80 to 8, with an empty box above the arrow.

$$\frac{4}{6} = \frac{8}{12}$$

Diagram showing a curved arrow from 4 to 8 and 6 to 12, with an empty box above the arrow.

$$\frac{5}{9} = \frac{20}{36}$$

Diagram showing a curved arrow from 5 to 20 and 9 to 36, with an empty box above the arrow.

2. Complete os numeradores para que as seguintes frações sejam equivalentes (nesta situação multiplicando o numerador e o denominador ao mesmo tempo):

$$\frac{3}{4} = \frac{\square}{12}$$

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

$$\frac{3}{7} = \frac{\square}{42}$$

$$\frac{3}{8} = \frac{\square}{40}$$

$$\frac{4}{6} = \frac{\square}{18}$$

$$\frac{3}{4} = \frac{\square}{28}$$

3. Complete os numeradores para que as seguintes frações sejam equivalentes (nesta situação dividindo o numerador e o denominador ao mesmo tempo). Isto se chama simplificar uma fração:

$$\frac{3}{18} = \frac{\square}{6}$$

$$\frac{30}{40} = \frac{\square}{4}$$

$$\frac{25}{35} = \frac{\square}{7}$$

$$\frac{24}{30} = \frac{\square}{5}$$

$$\frac{18}{24} = \frac{\square}{4}$$

$$\frac{200}{500} = \frac{\square}{5}$$