

**Cross Multiplying**

Solve for x:

$$\frac{x}{6} = \frac{4}{3}$$

Cross-multiply:

$$\frac{x}{6} = \frac{4}{3}$$

$$x \times 3 = 6 \times 4$$

Divide each side by 3:

$$\frac{x \times 3}{3} = \frac{24}{3}$$

$$x = 8$$

a)  $\frac{8}{x} = \frac{2}{3}$

b)  $\frac{1}{x} = \frac{1}{3}$

c)  $\frac{x}{3} = \frac{4}{1}$