

$$\frac{15}{x} = \frac{5}{6}$$

$$15 \cdot 6 = x \cdot 5$$

$$15 \cdot 6 = 5x$$

$$\frac{15 \cdot 6}{5} = \frac{5x}{5}$$

$$3 \cdot 6 = 1x$$

$$18 = x$$