$$\frac{\{x+6\}}{\{2\}} = c$$

Let's solve for c.

$\frac{x+6}{2} = c$

Step 1: Flip the equation.

$c = \frac{1}{2}x + 3$

Answer:

$c = \frac{1}{2}x + 3$

Let's solve for x.

$\frac{x+6}{2} = c$

Step 1: Add -3 to both sides.

$\frac{1}{2}x + 3 + -3 = c + -3$

$\frac{1}{2}x = c - 3$

Step 2: Divide both sides by 1/2.

$\frac{\frac{1}{2}x}{\frac{1}{2}} = \frac{c-3}{\frac{1}{2}}$

$x = 2c - 6$

Answer:

$x = 2c - 6$