$$\frac{\{x-3\}}{\{-5c\}} = k$$

Let's solve for c.

$\frac{x-3}{-5c} = k$

Step 1: Multiply both sides by 5c.

$-x + 3 = 5ck$

Step 2: Flip the equation.

$5ck = -x + 3$

Step 3: Divide both sides by 5k.

$\frac{5ck}{5k} = \frac{-x+3}{5k}$

$c = \frac{-x+3}{5k}$

Answer:

$c = \frac{-x+3}{5k}$

Let's solve for k.

$\frac{x-3}{-5c} = k$

Step 1: Multiply both sides by 5c.

$-x + 3 = 5ck$

Step 2: Flip the equation.

$5ck = -x + 3$

Step 3: Divide both sides by 5c.

$\frac{5ck}{5c} = \frac{-x+3}{5c}$

$k = \frac{-x+3}{5c}$

Answer:

$k = \frac{-x+3}{5c}$

Let's solve for x.

$$\frac{x-3}{-5c} = k$$

Step 1: Multiply both sides by 5c.

$$-x + 3 = 5ck$$

Step 2: Add -3 to both sides.

$$-x + 3 + -3 = 5ck + -3$$

$$-x = 5ck - 3$$

Step 3: Divide both sides by -1.

$$\frac{-x}{-1} = \frac{5ck-3}{-1}$$

$$x = -5ck + 3$$

Answer:

$$x = -5ck + 3$$