

$$\frac{\{-8\}}{\{x+6g\}} = 4j$$

Let's solve for g.

$$\frac{-8}{x+6g} = 4j$$

Step 1: Multiply both sides by  $6g+x$ .

$$-8 = 24gj + 4jx$$

Step 2: Flip the equation.

$$24gj + 4jx = -8$$

Step 3: Add  $-4jx$  to both sides.

$$24gj + 4jx + \textcolor{blue}{-4jx} = -8 + \textcolor{blue}{-4jx}$$

$$24gj = -4jx - 8$$

Step 4: Divide both sides by  $24j$ .

$$\frac{24gj}{\textcolor{blue}{24j}} = \frac{-4jx-8}{\textcolor{blue}{24j}}$$
$$g = \frac{-jx-2}{6j}$$

Answer:

$$g = \frac{-jx-2}{6j}$$

Let's solve for j.

$$\frac{-8}{x+6g} = 4j$$

Step 1: Multiply both sides by  $6g+x$ .

$$-8 = 24gj + 4jx$$

Step 2: Flip the equation.

$$24gj + 4jx = -8$$

Step 3: Factor out variable j.

$$j(24g + 4x) = -8$$

Step 4: Divide both sides by  $24g+4x$ .

$$\frac{j(24g+4x)}{24g+4x} = \frac{-8}{24g+4x}$$
$$j = \frac{-2}{6g+x}$$

Answer:

$$j = \frac{-8}{24g+4x}$$

Let's solve for x.

$$\frac{-8}{x+6g} = 4j$$

Step 1: Multiply both sides by  $6g+x$ .

$$-8 = 24gj + 4jx$$

Step 2: Flip the equation.

$$24gj + 4jx = -8$$

Step 3: Add  $-24gj$  to both sides.

$$24gj + 4jx + -24gj = -8 + -24gj$$

$$4jx = -24gj - 8$$

Step 4: Divide both sides by  $4j$ .

$$\frac{4jx}{4j} = \frac{-24gj-8}{4j}$$

$$x = \frac{-6gj-2}{j}$$

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Answer:

$$x = \frac{-6gj-2}{j}$$