

$$\frac{\{x+8\}}{\{i\}} = c + a$$

Let's solve for a.

$$\frac{x+8}{i} = c + a$$

Step 1: Multiply both sides by i.

$$x + 8 = ai + ci$$

Step 2: Flip the equation.

$$ai + ci = x + 8$$

Step 3: Add -ci to both sides.

$$ai + ci + \textcolor{blue}{-ci} = x + 8 + \textcolor{blue}{-ci}$$

$$ai = -ci + x + 8$$

Step 4: Divide both sides by i.

$$\frac{ai}{i} = \frac{-ci+x+8}{i}$$
$$a = \frac{-ci+x+8}{i}$$

Answer:

$$a = \frac{-ci+x+8}{i}$$

Let's solve for c.

$$\frac{x+8}{i} = c + a$$

Step 1: Multiply both sides by i.

$$x + 8 = ai + ci$$

Step 2: Flip the equation.

$$ai + ci = x + 8$$

Step 3: Add -ai to both sides.

$$ai + ci + \textcolor{blue}{-ai} = x + 8 + \textcolor{blue}{-ai}$$

$$ci = -ai + x + 8$$

Step 4: Divide both sides by i.

$$\frac{ci}{i} = \frac{-ai+x+8}{i}$$
$$c = \frac{-ai+x+8}{i}$$

Answer:

$$c = \frac{-ai+x+8}{i}$$

Let's solve for i.

$$\frac{x+8}{i} = c + a$$

Step 1: Multiply both sides by i.

$$x + 8 = ai + ci$$

Step 2: Flip the equation.

$$ai + ci = x + 8$$

Step 3: Factor out variable i.

$$i(a + c) = x + 8$$

Step 4: Divide both sides by a+c.

$$\frac{i(a+c)}{a+c} = \frac{x+8}{a+c}$$

$$i = \frac{x+8}{a+c}$$

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Answer:

$$i = \frac{x+8}{a+c}$$

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Let's solve for x.

$$\frac{x+8}{i} = c + a$$

Step 1: Multiply both sides by i.

$$x + 8 = ai + ci$$

Step 2: Add -8 to both sides.

$$x + 8 + -8 = ai + ci + -8$$

$$x = ai + ci - 8$$

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Answer:

$$x = ai + ci - 8$$