$$\frac{\{6i+5\}}{\{x\}} = -7j$$

Let's solve for i.

$\frac{6i+5}{x} = -7j$

Step 1: Multiply both sides by x.

$6i + 5 = -7jx$

Step 2: Add -5 to both sides.

$6i + 5 + -5 = -7jx + -5$

$6i = -7jx - 5$

Step 3: Divide both sides by 6.

$\frac{6i}{6} = \frac{-7jx-5}{6}$

$i = \frac{-7}{6}jx + \frac{-5}{6}$

Answer:

$i = \frac{-7}{6}jx + \frac{-5}{6}$

Let's solve for j.

$\frac{6i+5}{x} = -7j$

Step 1: Multiply both sides by x.

$6i + 5 = -7jx$

Step 2: Flip the equation.

$-7jx = 6i + 5$

Step 3: Divide both sides by -7x.

$\frac{-7jx}{-7x} = \frac{6i+5}{-7x}$

$j = \frac{-6i-5}{7x}$

Answer:

$j = \frac{-6i-5}{7x}$

Let's solve for x.

$$\frac{6i+5}{x} = -7j$$

Step 1: Multiply both sides by x.

$$6i + 5 = -7jx$$

Step 2: Flip the equation.

$$-7jx = 6i + 5$$

Step 3: Divide both sides by -7j.

$$\frac{-7jx}{-7j} = \frac{6i+5}{-7j}$$

$$x = \frac{-6i-5}{7j}$$

Answer:

$$x = \frac{-6i-5}{7j}$$