

$$\frac{\{i\}}{\{8x+7n\}} = -2j$$

Let's solve for i.

$$\frac{i}{8x+7n} = -2j$$

Step 1: Multiply both sides by 7n+8x.

$$i = -14jn - 16jx$$

Answer:

$$i = -14jn - 16jx$$

Let's solve for j.

$$\frac{i}{8x+7n} = -2j$$

Step 1: Multiply both sides by 7n+8x.

$$i = -14jn - 16jx$$

Step 2: Flip the equation.

$$-14jn - 16jx = i$$

Step 3: Factor out variable j.

$$j(-14n - 16x) = i$$

Step 4: Divide both sides by -14n-16x.

$$\frac{j(-14n-16x)}{-14n-16x} = \frac{i}{-14n-16x}$$
$$j = \frac{-i}{14n+16x}$$

Answer:

$$j = \frac{-i}{14n+16x}$$

Let's solve for n.

$$\frac{i}{8x+7n} = -2j$$

Step 1: Multiply both sides by $7n+8x$.

$$i = -14jn - 16jx$$

Step 2: Flip the equation.

$$-14jn - 16jx = i$$

Step 3: Add $16jx$ to both sides.

$$-14jn - 16jx + 16jx = i + 16jx$$

$$-14jn = 16jx + i$$

Step 4: Divide both sides by $-14j$.

$$\frac{-14jn}{-14j} = \frac{16jx+i}{-14j}$$
$$n = \frac{-16jx-i}{14j}$$

Answer:

$$n = \frac{-16jx-i}{14j}$$

Let's solve for x.

$$\frac{i}{8x+7n} = -2j$$

Step 1: Multiply both sides by $7n+8x$.

$$i = -14jn - 16jx$$

Step 2: Flip the equation.

$$-14jn - 16jx = i$$

Step 3: Add $14jn$ to both sides.

$$-14jn - 16jx + 14jn = i + 14jn$$

$$-16jx = 14jn + i$$

Step 4: Divide both sides by $-16j$.

$$\frac{-16jx}{-16j} = \frac{14jn+i}{-16j}$$
$$x = \frac{-14jn-i}{16j}$$

Answer:

$$x = \frac{-14jn-i}{16j}$$