

$$\frac{\{x+4l\}}{\{4o\}} = -5n + 3f$$

Let's solve for f.

$$\frac{x+4l}{4o} = -5n + 3f$$

Step 1: Multiply both sides by 4o.

$$4l + x = 12fo - 20no$$

Step 2: Flip the equation.

$$12fo - 20no = 4l + x$$

Step 3: Add 20no to both sides.

$$12fo - 20no + 20no = 4l + x + 20no$$

$$12fo = 20no + 4l + x$$

Step 4: Divide both sides by 12o.

$$\frac{12fo}{12o} = \frac{20no + 4l + x}{12o}$$
$$f = \frac{20no + 4l + x}{12o}$$

Answer:

$$f = \frac{20no + 4l + x}{12o}$$

Let's solve for l.

$$\frac{x+4l}{4o} = -5n + 3f$$

Step 1: Multiply both sides by 4o.

$$4l + x = 12fo - 20no$$

Step 2: Add -x to both sides.

$$4l + x + -x = 12fo - 20no + -x$$

$$4l = 12fo - 20no - x$$

Step 3: Divide both sides by 4.

$$\frac{4l}{4} = \frac{12fo - 20no - x}{4}$$
$$l = 3fo - 5no + \frac{-1}{4}x$$

Answer:

$$l = 3fo - 5no + \frac{-1}{4}x$$

Let's solve for n.

$$\frac{x+4l}{4o} = -5n + 3f$$

Step 1: Multiply both sides by 4o.

$$4l + x = 12fo - 20no$$

Step 2: Flip the equation.

$$12fo - 20no = 4l + x$$

Step 3: Add -12fo to both sides.

$$12fo - 20no + \textcolor{blue}{-12fo} = 4l + x + \textcolor{blue}{-12fo}$$

$$\textcolor{blue}{-20no} = \textcolor{blue}{-12fo} + 4l + x$$

Step 4: Divide both sides by -20o.

$$\frac{\textcolor{blue}{-20no}}{\textcolor{blue}{-20o}} = \frac{\textcolor{blue}{-12fo} + 4l + x}{\textcolor{blue}{-20o}}$$
$$n = \frac{12fo - 4l - x}{20o}$$

Answer:

$$n = \frac{12fo - 4l - x}{20o}$$

Let's solve for o.

$$\frac{x+4l}{4o} = -5n + 3f$$

Step 1: Multiply both sides by 4o.

$$4l + x = 12fo - 20no$$

Step 2: Flip the equation.

$$12fo - 20no = 4l + x$$

Step 3: Factor out variable o.

$$o(12f - 20n) = 4l + x$$

Step 4: Divide both sides by 12f-20n.

$$\frac{o(12f - 20n)}{12f - 20n} = \frac{4l + x}{12f - 20n}$$
$$o = \frac{4l + x}{12f - 20n}$$

Answer:

$$o = \frac{4l + x}{12f - 20n}$$

Let's solve for x.

$$\frac{x+4l}{4o} = -5n + 3f$$

Step 1: Multiply both sides by 4o.

$$4l + x = 12fo - 20no$$

Step 2: Add -4l to both sides.

$$4l + x + -4l = 12fo - 20no + -4l$$

$$x = 12fo - 20no - 4l$$

Answer:

$$x = 12fo - 20no - 4l$$