$$\frac{\{x+8l\}}{\{3o\}} = -4n$$

Let's solve for l.

$\frac{x+8l}{3o} = -4n$

Step 1: Multiply both sides by 3o.

$8l + x = -12no$

Step 2: Add -x to both sides.

$8l + x + -x = -12no + -x$

$8l = -12no - x$

Step 3: Divide both sides by 8.

$\frac{8l}{8} = \frac{-12no-x}{8}$

$l = \frac{-3}{2}no + \frac{-1}{8}x$

Answer:

$l = \frac{-3}{2}no + \frac{-1}{8}x$

Let's solve for n.

$\frac{x+8l}{3o} = -4n$

Step 1: Multiply both sides by 3o.

$8l + x = -12no$

Step 2: Flip the equation.

$-12no = 8l + x$

Step 3: Divide both sides by -12o.

$\frac{-12no}{-12o} = \frac{8l+x}{-12o}$

$n = \frac{-8l-x}{12o}$

Answer:

$n = \frac{-8l-x}{12o}$

Let's solve for o.

$\frac{x+8l}{3o} = -4n$

Step 1: Multiply both sides by 3o.

$8l + x = -12no$

Step 2: Flip the equation.

$-12no = 8l + x$

Step 3: Divide both sides by -12n.

$\frac{-12no}{-12n} = \frac{8l+x}{-12n}$

$o = \frac{-8l-x}{12n}$

Answer:

$o = \frac{-8l-x}{12n}$

Let's solve for x.

$\frac{x+8l}{3o} = -4n$

Step 1: Multiply both sides by 3o.

$8l + x = -12no$

Step 2: Add -8l to both sides.

$8l + x + -8l = -12no + -8l$

$x = -12no - 8l$

Answer:

$x = -12no - 8l$