$$\frac{\{-4d\}}{\{x-6m\}} = -3f$$

Let's solve for d.

$\frac{-4d}{x-6m} = -3f$

Step 1: Multiply both sides by -6m+x.

$-4d = 18fm - 3fx$

Step 2: Divide both sides by -4.

$\frac{-4d}{-4} = \frac{18fm-3fx}{-4}$

$d = \frac{-9}{2}fm + \frac{3}{4}fx$

Answer:

$d = \frac{-9}{2}fm + \frac{3}{4}fx$

Let's solve for f.

$\frac{-4d}{x-6m} = -3f$

Step 1: Multiply both sides by -6m+x.

$-4d = 18fm - 3fx$

Step 2: Flip the equation.

$18fm - 3fx = -4d$

Step 3: Factor out variable f.

$f(18m - 3x) = -4d$

Step 4: Divide both sides by 18m-3x.

$\frac{f(18m-3x)}{18m-3x} = \frac{-4d}{18m-3x}$

$f = \frac{-4d}{18m-3x}$

Answer:

$f = \frac{-4d}{18m-3x}$

Let's solve for m.

$\frac{-4d}{x-6m} = -3f$

Step 1: Multiply both sides by -6m+x.

$-4d = 18fm - 3fx$

Step 2: Flip the equation.

$18fm - 3fx = -4d$

Step 3: Add 3fx to both sides.

$18fm - 3fx + 3fx = -4d + 3fx$

$18fm = 3fx - 4d$

Step 4: Divide both sides by 18f.

$\frac{18fm}{18f} = \frac{3fx-4d}{18f}$

$m = \frac{3fx-4d}{18f}$

Answer:

$m = \frac{3fx-4d}{18f}$

Let's solve for x.

$\frac{-4d}{x-6m} = -3f$

Step 1: Multiply both sides by -6m+x.

$-4d = 18fm - 3fx$

Step 2: Flip the equation.

$18fm - 3fx = -4d$

Step 3: Add -18fm to both sides.

$18fm - 3fx + -18fm = -4d + -18fm$

$-3fx = -18fm - 4d$

Step 4: Divide both sides by -3f.

$\frac{-3fx}{-3f} = \frac{-18fm-4d}{-3f}$

$x = \frac{18fm+4d}{3f}$

Answer:

$x = \frac{18fm+4d}{3f}$