$$\frac{\{x-3i\}}{\{-m\}} = 6h - 6e$$

Let's solve for h.

$\frac{x-3i}{-m} = 6h - (6)(2.718282)$

Step 1: Multiply both sides by m.

$3i - x = 6hm - 16.309691m$

Step 2: Flip the equation.

$6hm - 16.309691m = 3i - x$

Step 3: Add 16.309691m to both sides.

$6hm - 16.309691m + 16.309691m = 3i - x + 16.309691m$

$6hm + 0m = 3i + 16.309691m - x$

Step 4: Divide both sides by 6m.

$\frac{6hm+0m}{6m} = \frac{3i+16.309691m-x}{6m}$

$h = \frac{3i+16.309691m-x}{6m}$

Answer:

$h = \frac{3i+16.309691m-x}{6m}$

Let's solve for i.

$\frac{x-3i}{-m} = 6h - (6)(2.718282)$

Step 1: Multiply both sides by m.

$3i - x = 6hm - 16.309691m$

Step 2: Add x to both sides.

$3i - x + x = 6hm - 16.309691m + x$

$3i = 6hm - 16.309691m + x$

Step 3: Divide both sides by 3.

$\frac{3i}{3} = \frac{6hm-16.309691m+x}{3}$

$i = 2hm - 5.436564m + \frac{1}{3}x$

Answer:

$i = 2hm - 5.436564m + \frac{1}{3}x$

Let's solve for m.

$\frac{x-3i}{-m} = 6h - (6)(2.718282)$

Step 1: Multiply both sides by m.

$3i - x = 6hm - 16.309691m$

Step 2: Flip the equation.

$6hm - 16.309691m = 3i - x$

Step 3: Factor out variable m.

$m(6h - 16.309691) = 3i - x$

Step 4: Divide both sides by 6h-16.309691.

$\frac{m(6h-16.309691)}{6h-16.309691} = \frac{3i-x}{6h-16.309691}$

$m = \frac{3i-x}{6h-16.309691}$

Answer:

$m = \frac{3i-x}{6h-16.309691}$

Let's solve for x.

$\frac{x-3i}{-m} = 6h - (6)(2.718282)$

Step 1: Multiply both sides by m.

$3i - x = 6hm - 16.309691m$

Step 2: Add -3i to both sides.

$3i - x + -3i = 6hm - 16.309691m + -3i$

$-x = 6hm - 3i - 16.309691m$

Step 3: Divide both sides by -1.

$\frac{-x}{-1} = \frac{6hm-3i-16.309691m}{-1}$

$x = -6hm + 3i + 16.309691m$

Answer:

$x = -6hm + 3i + 16.309691m$