$$\frac{\{x+3f\}}{\{-10i\}} = -10e - g$$

Let's solve for f.

$$\frac{x+3f}{-10i} = (-10)(2.718282) - g$$

Step 1: Multiply both sides by 10i.

$$-3f - x = -10gi - 271.828183i$$

Step 2: Add x to both sides.

$$-3f - x + x = -10gi - 271.828183i + x$$

$$-3f = -10gi - 271.828183i + x$$

Step 3: Divide both sides by -3.

$$\frac{-3f}{-3} = \frac{-10gi - 271.828183i + x}{-3}$$

$$f = \frac{10}{3}gi + 90.609394i + \frac{-1}{3}x$$

Answer:

$$f = \frac{10}{3}gi + 90.609394i + \frac{-1}{3}x$$

Let's solve for g.

$$\frac{x+3f}{-10i} = (-10)(2.718282) - g$$

Step 1: Multiply both sides by 10i.

$$-3f - x = -10gi - 271.828183i$$

Step 2: Flip the equation.

$$-10gi - 271.828183i = -3f - x$$

Step 3: Add 271.828183i to both sides.

$$-10gi - 271.828183i + 271.828183i = -3f - x + 271.82818$$

$$-10gi + 0i = -3f + 271.828183i - x$$

Step 4: Divide both sides by -10i.

$$\frac{-10gi + 0i}{-10i} = \frac{-3f + 271.828183i - x}{-10i}$$

$$g = \frac{3f - 271.828183i + x}{10i}$$

Answer:

$$g = \frac{3f - 271.828183i + x}{10i}$$

Let's solve for i.

$$\frac{x+3f}{-10i} = (-10)(2.718282) - g$$

Step 1: Multiply both sides by 10i.

$$-3f - x = -10gi - 271.828183i$$

Step 2: Flip the equation.

$$-10gi - 271.828183i = -3f - x$$

Step 3: Factor out variable i.

$$i(-10g - 271.828183) = -3f - x$$

Step 4: Divide both sides by -10g-271.828183.

$$\frac{i(-10g-271.828183)}{-10g-271.828183} = \frac{-3f-x}{-10g-271.828183}$$

$$i = \frac{3f+x}{10g+271.828183}$$

Answer:

$$i = \frac{3f+x}{10g+271.828183}$$

Let's solve for x.

$$\frac{x+3f}{-10i} = (-10)(2.718282) - g$$

Step 1: Multiply both sides by 10i.

$$-3f - x = -10gi - 271.828183i$$

Step 2: Add 3f to both sides.

$$-3f - x + 3f = -10gi - 271.828183i + 3f$$

$$-x = -10gi + 3f - 271.828183i$$

Step 3: Divide both sides by -1.

$$\frac{-x}{-1} = \frac{-10gi+3f-271.828183i}{-1}$$

$$x = 10gi - 3f + 271.828183i$$

Answer:

$$x = 10gi - 3f + 271.828183i$$