

Warm Up:

Solve for x:

$$5x+10-8x=-3(x-3)+1$$

$$1.5(2x+6)=5x+8-2x$$

$$-3x+10=-3x+10$$

$$3x+9=3x+8$$

$$9 \neq 8$$

$$\mathbb{R}$$
$$\emptyset$$

Review quiz review

$$-\frac{2}{5}x + 4 = -12$$

-4      -4

~~$$5 \cdot \frac{-2x}{5} = -16 \cdot 5$$~~

$$\frac{-2x}{-2} = \frac{-80}{-2} \quad 40$$

Word Problem Activity:

Match each equation to its word problem. On the back identify each variable and solve.