

## Simplify Expressions

Simplify the following expressions.

$$2(3w + 2) + 3w$$

$$12h - 2(-8h - 5)$$

$$-(2p + 3) - 6p$$

$$3x - 4(-7x - 2)$$

$$2(-3t + 5) - 5$$

$$-7(-5 - 2w) - 10w$$

$$-3(-4 + 6z) + 7$$

$$4(-9p - 3) + 4$$

$$10 + 2(6 + 5x)$$

$$5t - 8(2t + 4)$$

## Simplify Expressions

Simplify the following expressions.

$$\begin{aligned} &2(3w + 2) + 3w \\ &= 6w + 4 + 3w \\ &= 9w + 4 \end{aligned}$$

$$\begin{aligned} &-(2p + 3) - 6p \\ &= -2p - 3 - 6p \\ &= -8p - 3 \end{aligned}$$

$$\begin{aligned} &2(-3t + 5) - 5 \\ &= -6t + 10 - 5 \\ &= -6t + 5 \end{aligned}$$

$$\begin{aligned} &-3(-4 + 6z) + 7 \\ &= 12 - 18z + 7 \\ &= 19 - 18z \end{aligned}$$

$$\begin{aligned} &10 + 2(6 + 5x) \\ &= 10 + 12 + 10x \\ &= 22 + 10x \end{aligned}$$

$$\begin{aligned} &12h - 2(-8h - 5) \\ &= 12h + 16h + 10 \\ &= 28h + 10 \end{aligned}$$

$$\begin{aligned} &3x - 4(-7x - 2) \\ &= 3x + 28x + 8 \\ &= 31x + 8 \end{aligned}$$

$$\begin{aligned} &-7(-5 - 2w) - 10w \\ &= 35 + 14w - 10w \\ &= 35 + 4w \end{aligned}$$

$$\begin{aligned} &4(-9p - 3) + 4 \\ &= -36p - 12 + 4 \\ &= -36p - 8 \end{aligned}$$

$$\begin{aligned} &5t - 8(2t + 4) \\ &= 5t - 16t - 32 \\ &= -11t - 32 \end{aligned}$$