

9. Given  $t = -2x$  and  $w = 2 - 2x$ , which of the following is correct:

$$\frac{t+w}{t-w} = -\frac{2x-1}{2x+1}$$

$$t \times w = 4x(x+1)$$

$$t-w=2$$

$$t+w = -2(2x+1)$$

$$t+w = -2$$

$$\frac{t+w}{t-w} = 2x+1$$

$$t \times w = -4x(x+1)$$

$$t-w = 2(2x+1)$$

$$\frac{t+w}{t-w} = 2x-1$$

$$t \times w = 4(x-1)x$$

$$t-w = -2$$

$$t+w = -2(2x-1)$$

$$t+w=2$$

$$t-w = 2(2x-1)$$

$$\frac{t+w}{t-w} = 1$$

$$t \times w = -4(x-1)x$$

**Solution**