

## Distribution and Combining Like Terms Challenge

**Simplify each expression. And the solve assigning the value of 2 to the variable in the algebraic expression.**

1)  $8(4 - p) + 8(p + 6)$

2)  $7(-10n + 6) - 10(10n + 3)$

3)  $4(8 - 9n) + 9(4n + 10)$

4)  $-8(10b + 5) - 8(1 + 7b)$

$$5) 2(-9m + 3) + 8(1 + 8m)$$

$$6) -3(-9 + 4x) + 5(x + 10)$$

$$7) -10(2x - 5) - 8(x + 9)$$

$$8) -7(2x + 3) + 7(x - 1)$$