

Exercise 36

For the following exercises, evaluate the expressions using the given variable.

$$4(3 - 1)x - 4 \text{ for } x = 10$$

Solution

Simplify the given expression before plugging in $x = 10$.

$$\begin{aligned} 4(3 - 1)x - 4 &= 4(2)x - 4 \\ &= 8x - 4 \\ &= 8(10) - 4 \\ &= 80 - 4 \\ &= 76 \end{aligned}$$