

## Exercise 28

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

$$8(x + 3) - 64 \text{ for } x = 2$$

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### Solution

Plug in  $x = 2$  to the given expression.

$$\begin{aligned} 8(x + 3) - 64 &= 8(2 + 3) - 64 \\ &= 8(5) - 64 \\ &= 40 - 64 \\ &= -24 \end{aligned}$$