Exercise 35

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

$$2(11c - 4) - 36 \text{ for } c = 0$$

Solution

Simplify the given expression before plugging in $b = -3$.

$$
\begin{aligned}
2(11c - 4) - 36 &= 22c - 8 - 36 \\
&= 22c - 44 \\
&= 22(0) - 44 \\
&= 0 - 44 \\
&= -44
\end{aligned}
$$