

Exercise 40

In the following exercises, simplify the following expressions by combining like terms.

$$7c + 4 + 6c - 3 + 9c - 1$$

Solution

Group the terms with c together and group the terms without c together.

$$\begin{aligned}7c + 4 + 6c - 3 + 9c - 1 &= (7c + 6c + 9c) + (4 - 3 - 1) \\ &= 22c + 0 \\ &= 22c\end{aligned}$$