

**Exercise 39**

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

$$10a + 7 + 5a - 2 + 7a - 4$$

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**Solution**

Group the terms with  $a$  together and group the terms without  $a$  together.

$$\begin{aligned} 10a + 7 + 5a - 2 + 7a - 4 &= (10a + 5a + 7a) + (7 - 2 - 4) \\ &= 22a + 1 \end{aligned}$$