

**Exercise 37**

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

$$7x + 2 + 3x + 4$$

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**Solution**

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

$$\begin{aligned}7x + 2 + 3x + 4 &= (7x + 3x) + (2 + 4) \\ &= 10x + 6\end{aligned}$$