Exercise 28

In the following exercises, simplify each expression.

$$5[2 + 4(3 - 2)]$$

Solution

Remember the order of operations: parentheses, exponents, multiplication, division, addition, subtraction.

$$\begin{aligned}
5[2 + 4(3 - 2)] &= 5[2 + 4(1)] \\
&= 5[2 + 4] \\
&= 5[6] \\
&= 30
\end{aligned}$$