

Review Exercise Set 5

Exercise 1: Simplify. $9 \div 3 + 5$.

Exercise 2: Simplify. $2 * (5 - 3) + 8$.

Exercise 3: Simplify. $3^2 + 6 * (7 - 3)$.

Exercise 4: Evaluate the expression $x + 2y$, where $x = 5$ and $y = 3$.

Exercise 5: Evaluate the expression $x^2 + 3y$, where $x = 3$ and $y = 2$.

Review Exercise Set 5 Answer Key

Exercise 1: Simplify. $9 \div 3 + 5$.

$$\begin{aligned} & 9 \div 3 + 5 \\ & = (9 \div 3) + 5 \\ & = 3 + 5 \\ & = 8 \end{aligned}$$

Exercise 2: Simplify. $2 * (5 - 3) + 8$.

$$\begin{aligned} & 2 * (5 - 3) + 8 \\ & = 2 * (2) + 8 \\ & = 4 + 8 \\ & = 12 \end{aligned}$$

Exercise 3: Simplify. $3^2 + 6 * (7 - 3)$.

$$\begin{aligned} & 3^2 + 6 * (7 - 3) \\ & = 3^2 + 6 * (4) \\ & = (3 * 3) + 6 * (4) \\ & = 9 + 24 \\ & = 33 \end{aligned}$$

Exercise 4: Evaluate the expression $x + 2y$, where $x = 5$ and $y = 3$.

$$\begin{aligned} & x + 2y \\ & = 5 + 2(3) \\ & = 5 + 6 \\ & = 11 \end{aligned}$$

Exercise 5: Evaluate the expression $x^2 + 3y$, where $x = 3$ and $y = 2$.

$$\begin{aligned} & x^2 + 3y \\ & = (3)^2 + 3(2) \\ & = (3)^2 + 6 \\ & = (3 * 3) + 6 \\ & = 9 + 6 \\ & = 15 \end{aligned}$$