

Simplifying Expressions

Name: _____ Score: _____

Simplify the following expressions.

$$x - 2 + 5$$

$$2y^2 - 20 + 10$$

$$5e + 5e^2 - 5e$$

$$x^2 + 5y - 3y$$

$$v + 3v^2 - 2v^2$$

$$3a + 2a + 5a$$

$$3r + r - 3$$

$$2k^2 + 3k^2 - 2k^2$$

$$-2 - 2 + 2x$$

$$3e + 2e^2 - 3e$$

$$6y^2 - 5 + 6$$

$$6 + 5b^2 - b^2$$

$$-c + 6c - c^2$$

$$3u + u + 2u^2$$

$$2v + 3v^2 - v^2$$

$$2t^2 + 2t + 3t^2$$

$$2y + y^2 - 5y$$

$$2x - 2x^2 - 2x$$

$$-4n^2 - n - 6n^2$$

$$3u + u^3 - 4u$$

$$2t^4 + 4t^3 - 5t^3$$

Answers

Simplify the following expressions.

$$\begin{array}{l} x - 2 + 5 \\ x + 3 \end{array}$$

$$\begin{array}{l} 2y^2 - 20 + 10 \\ 2y^2 - 10 \end{array}$$

$$\begin{array}{l} 5e + 5e^2 - 5e \\ 5e^2 \end{array}$$

$$\begin{array}{l} x^2 + 5y - 3y \\ x^2 - 2y \end{array}$$

$$\begin{array}{l} v + 3v^2 - 2v^2 \\ v^2 + v \end{array}$$

$$\begin{array}{l} 3a + 2a + 5a \\ 10a \end{array}$$

$$\begin{array}{l} 3r + r - 3 \\ 4r - 3 \end{array}$$

$$\begin{array}{l} 2k^2 + 3k^2 - 2k^2 \\ 3k^2 \end{array}$$

$$\begin{array}{l} -2 - 2 + 2x \\ 2x - 4 \end{array}$$

$$\begin{array}{l} 3e + 2e^2 - 3e \\ 2e^2 \end{array}$$

$$\begin{array}{l} 6y^2 - 5 + 6 \\ 6y^2 + 1 \end{array}$$

$$\begin{array}{l} 6 + 5b^2 - b^2 \\ 4b^2 + 6 \end{array}$$

$$\begin{array}{l} -c + 6c - c^2 \\ -c^2 + 5c \end{array}$$

$$\begin{array}{l} 3u + u + 2u^2 \\ 2u^2 + 4u \end{array}$$

$$\begin{array}{l} 2v + 3v^2 - v^2 \\ 2v^2 + 2v \end{array}$$

$$\begin{array}{l} 2t^2 + 2t + 3t^2 \\ 5t^2 + 2t \end{array}$$

$$\begin{array}{l} 2y + y^2 - 5y \\ y^2 - 3y \end{array}$$

$$\begin{array}{l} 2x - 2x^2 - 2x \\ -2x^2 \end{array}$$

$$\begin{array}{l} -4n^2 - n - 6n^2 \\ -10n^2 - n \end{array}$$

$$\begin{array}{l} 3u + u^3 - 4u \\ u^3 - u \end{array}$$

$$\begin{array}{l} 2t^4 + 4t^3 - 5t^3 \\ 2t^4 - t^3 \end{array}$$