

Name : _____

Adding Binomials

Single-variable: L1S5

Arrange and add the binomials.

1) $a + 6$, $2a - 6$

2) $-z^4 - 5z^2$, $-z^4 - 4z^2$

3) $6x^5 - x^4$,

PREVIEW

$k + 5k^2$

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5) $8w - 6$,

$4s^2 + 2s$

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7) $-2c^2 - c$, $3c^2 + 5c$

8) $-9p^6 + 8p^3$, $3p^4 - 2p^2$

Name : _____

Answer key

Adding Binomials

Single-variable: L1S5

Arrange and add the binomials.

1) $a + 6$, $2a - 6$

$$\begin{array}{r} a + 6 \\ (+) 2a - 6 \\ \hline 3a \end{array}$$

2) $-z^4 - 5z^2$, $-z^4 - 4z^2$

$$\begin{array}{r} -z^4 - 5z^2 \\ (+) -z^4 - 4z^2 \\ \hline -2z^4 - 9z^2 \end{array}$$

3) $6x^5 - x^4$,

$$\begin{array}{r} 6x^5 - \\ (+) 3x^5 \\ \hline 9x^5 - \end{array}$$

PREVIEW

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$k + 5k^2$

$$\begin{array}{r} 2k \\ k \\ \hline 3k \end{array}$$

5) $8w - 6$,

$$\begin{array}{r} 8w - \\ (+) -8w - \\ \hline 0 \end{array}$$

$4s^2 + 2s$

$$\begin{array}{r} + s \\ 4s^2 + 2s \\ \hline 4s^2 + 3s \end{array}$$

7) $-2c^2 - c$, $3c^2 + 5c$

$$\begin{array}{r} -2c^2 - c \\ (+) 3c^2 + 5c \\ \hline c^2 + 4c \end{array}$$

8) $-9p^6 + 8p^3$, $3p^4 - 2p^2$

$$\begin{array}{r} -9p^6 + 8p^3 \\ (+) 3p^4 - 2p^2 \\ \hline -9p^6 + 3p^4 + 8p^3 - 2p^2 \end{array}$$