

Name : _____

Adding Binomials

Single-variable: L1S4

Arrange and add the binomials.

1) $3c^5 - 6c^4$, $2c^4 - 6c^5$

2) $h^6 + 5h$, $2h + 2h^6$

3) $-k^2 - 6k$,

PREVIEW

$4u^2 - 2u$

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5) $z + 8$, $-z$

$5b^5 - 5$

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7) $-7s^4 + s^3$, $7s^4 + 3s^3$

8) $q - 7q^2$, $-2q^2 + 4q$

Name : _____

Answer key

Adding Binomials

Single-variable: L1S4

Arrange and add the binomials.

1) $3c^5 - 6c^4$, $2c^4 - 6c^5$

$$\begin{array}{r} 3c^5 - 6c^4 \\ (+) -6c^5 + 2c^4 \\ \hline -3c^5 - 4c^4 \end{array}$$

2) $h^6 + 5h$, $2h + 2h^6$

$$\begin{array}{r} h^6 + 5h \\ (+) 2h^6 + 2h \\ \hline 3h^6 + 7h \end{array}$$

3) $-k^2 - 6k$,

$$\begin{array}{r} -k^2 - \\ (+) 7k^2 + \\ \hline 6k^2 - \end{array}$$

PREVIEW

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$4u^2 - 2u$

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

5) $z + 8$, $-z^6 - 8$

$$\begin{array}{r} (+) -z^6 - \\ \hline -z^6 - \end{array}$$

$5b^5 - 5$

$$\begin{array}{r} 3 \\ 5 \\ \hline 8 \end{array}$$

7) $-7s^4 + s^3$, $7s^4 + 3s^3$

$$\begin{array}{r} -7s^4 + s^3 \\ (+) 7s^4 + 3s^3 \\ \hline 4s^3 \end{array}$$

8) $q - 7q^2$, $-2q^2 + 4q$

$$\begin{array}{r} -7q^2 + q \\ (+) -2q^2 + 4q \\ \hline -9q^2 + 5q \end{array}$$