

Name : _____

Adding Binomials

Single-variable: L1S3

Arrange and add the binomials.

1) $u + 7u^6$, $2u^6 + 4u$

2) $5q^5 - q^2$, $3q^5 - 6q^2$

3) $-4y^4 + 8$,

PREVIEW

$a + 1$

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5) $p^2 - 3p$,

$-5v^6 + v$

7) $-5m - 1$, $2m - 1$

8) $-t^2 + 3$, $t^3 + 9$

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Name : _____

Answer key

Adding Binomials

Single-variable: L1S3

Arrange and add the binomials.

1) $u + 7u^6$, $2u^6 + 4u$

$$\begin{array}{r} 7u^6 + u \\ (+) 2u^6 + 4u \\ \hline 9u^6 + 5u \end{array}$$

2) $5q^5 - q^2$, $3q^5 - 6q^2$

$$\begin{array}{r} 5q^5 - q^2 \\ (+) 3q^5 - 6q^2 \\ \hline 8q^5 - 7q^2 \end{array}$$

3) $-4y^4 + 8$,

$$\begin{array}{r} -4y^4 \\ (+) \\ \hline -4y^4 \end{array}$$

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$a + 1$

$$\begin{array}{r} 9 \\ 1 \\ \hline 10 \end{array}$$

5) $p^2 - 3p$,

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

$-5v^6 + v$

$$\begin{array}{r} -2v \\ -v \\ \hline 3v \end{array}$$

7) $-5m - 1$, $2m - 1$

$$\begin{array}{r} -5m - 1 \\ (+) 2m - 1 \\ \hline -3m - 2 \end{array}$$

8) $-t^2 + 3$, $t^3 + 9$

$$\begin{array}{r} -t^2 + 3 \\ (+) t^3 + 9 \\ \hline t^3 - t^2 + 12 \end{array}$$