

Name : _____

Adding Binomials

Single-variable: L1S1

Arrange and add the binomials.

1) $p^2 - 4p$, $-2p^2 + p$

2) $2a + 1$, $a^3 - a$

3) $u^6 + 5u^2$,

PREVIEW

$3s - 2$

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5) $-7m - m^3$

$r + 5y^2$

7) $t^4 + 2t^3$, $-t^3 + t$

8) $4r^5 + 7$, $-r^5 - 7$

Name : _____

Answer key

Adding Binomials

Single-variable: L1S1

Arrange and add the binomials.

1) $p^2 - 4p$, $-2p^2 + p$

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

2) $2a + 1$, $a^3 - a$

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

3) $u^6 + 5u^2$,

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

$3s - 2$

27

2

29

5) $-7m - m^3$

$$\begin{array}{r} -m^3 \\ (+) \\ \hline -m^3 - \end{array}$$

$7 + 5y^2$

$2y$

y

y

7) $t^4 + 2t^3$, $-t^3 + t$

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

8) $4r^5 + 7$, $-r^5 - 7$

$$\begin{array}{r} 4r^5 + 7 \\ (+) -r^5 - 7 \\ \hline 3r^5 \end{array}$$

PREVIEW

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