

Name : _____

Adding Binomials

Multi-variable: L1S1

Arrange and add the binomials.

1) $st - 5t$, $5t + 3st$

2) $1 + 3y^3$, $7x^2 + 4$

3) $6g^5 + 5h^3$

, $8pq - p^2qr^4$

5) $-b^2 + b$,

$-9mn^4 + 2$

7) $4u^3vw - 18$, $18 - 4u^3vw$

8) $-7b^6 + 9c^2d^3$, $-b^6 - c^2d^3$

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Name : _____

Answer key

Adding Binomials

Multi-variable: L1S1

Arrange and add the binomials.

1) $st - 5t$, $5t + 3st$

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

2) $1 + 3y^3$, $7x^2 + 4$

$$\begin{array}{r} 3y^3 + 1 \\ (+) 7x^2 + 4 \\ \hline 3y^3 + 7x^2 + 5 \end{array}$$

3) $6g^5 + 5h^3$, $8pq - p^2qr^4$

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

$$\begin{array}{r} 8pq - p^2qr^4 \\ (+) 8pq \\ \hline 8pq + 7pq \end{array}$$

5) $-b^2 + b$, $-9mn^4 + 2$

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

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

7) $4u^3vw - 18$, $18 - 4u^3vw$

$$\begin{array}{r} 4u^3vw - 18 \\ (+) -4u^3vw + 18 \\ \hline 0 \end{array}$$

8) $-7b^6 + 9c^2d^3$, $-b^6 - c^2d^3$

$$\begin{array}{r} -7b^6 + 9c^2d^3 \\ (+) -b^6 - c^2d^3 \\ \hline -8b^6 + 8c^2d^3 \end{array}$$

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