

Name : \_\_\_\_\_

## Adding Binomials

Multi-variable: L1S1

Add the binomials.

1)  $2xy + 3x$  ,  $5xy + 6x$

2)  $-13u^4 + 6vw^2$  ,  $vw^2 + 7u^4$

3)  $7a^4b - 4b^3$  ,  $3a^4b + 4b^3$

4)  $9c^5d + 12$  ,  $-8c^5d + 10$

5)  $-12pqr^6 + 2r$  ,  $-pqr^6 + r$

6)  $6y^4 + 3z$  ,  $14y - 5z^5$

7)  $8m^2 + 5$  ,  $3 + n^2$

8)  $-4s^6t^3 - uv$  ,  $-17s^6t^3 - 7uv$

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## Answer key

### Adding Binomials

Multi-variable: L1S1

Add the binomials.

1)  $2xy + 3x$  ,  $5xy + 6x$

**$7xy + 9x$**

2)  $-13u^4 + 6vw^2$  ,  $vw^2 + 7u^4$

**$-6u^4 + 7vw^2$**

3)  $7a^4b - 4b^3$  ,  $3a^4b + 4b^3$

**$10a^4b$**

4)  $9c^5d + 12$  ,  $-8c^5d + 10$

**$c^5d + 22$**

5)  $-12pqr^6 + 2r$  ,  $-pqr^6 + r$

**$-13pqr^6 + 3r$**

6)  $6y^4 + 3z$  ,  $14y - 5z^5$

**$-5z^5 + 6y^4 + 14y + 3z$**

7)  $8m^2 + 5$  ,  $3 + n^2$

**$8m^2 + n^2 + 8$**

8)  $-4s^6t^3 - uv$  ,  $-17s^6t^3 - 7uv$

**$-21s^6t^3 - 8uv$**