

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

## Adding Binomials

Multi-variable: S1

Add the binomials.

1)  $a - 2b$  ,  $-8c - 3a$  ,  $7b + c$

2)  $5r^2s^2t + r^4$  ,  $-s - r^2s^2t$  ,  $-3 + 7s$

3)  $-u^6v^2 + 7$  ,  $u^6v$

$n^3 + m^3n$  ,  $n^3 + m^3n$

5)  $2pq - 9$  ,  $pq - 9$

$-3cd - b^2$  ,  $cd - 5b^2$

7)  $h^4 + 20k$  ,  $-12k + h^4$  ,  $-h^4 - 8k$

8)  $-x^6 - 2z^4$  ,  $-xz + 6$  ,  $-3xz - y^5$

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## Answer key

### Adding Binomials

Multi-variable: S1

Add the binomials.

1)  $a - 2b$  ,  $-8c - 3a$  ,  $7b + c$

$-2a + 5b - 7c$

2)  $5r^2s^2t + r^4$  ,  $-s - r^2s^2t$  ,  $-3 + 7s$

$4r^2s^2t + r^4 + 6s - 3$

3)  $-u^6v^2 + 7$  ,  $u^6v^2 + 7$

$6u^6v^2 + 7$

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5)  $2pq - 9$  ,  $pq - 9$

$-5pq^5r + 3pq - 9$

$n^3 + m^3n$  ,  $n^3 + m^3n$

$-3cd - b^2$  ,  $cd - 5b^2$

7)  $h^4 + 20k$  ,  $-12k + h^4$  ,  $-h^4 - 8k$

$h^4$

8)  $-x^6 - 2z^4$  ,  $-xz + 6$  ,  $-3xz - y^5$

$-x^6 - y^5 - 2z^4 - 4xz + 6$