

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

## Adding Binomials

Single-variable: S1

Add the binomials.

1)  $7y^2 + 14$  ,  $y^6 - 6$  ,  $-y^6 - y^2$

2)  $-a^5 - 5a$  ,  $-4a - 2a^5$  ,  $2a^3 + 7a$

3)  $n^4 - 7n^5$  ,  $7n^4$

$-3s$  ,  $s - 12$

5)  $7u^3 + u^6$  ,  $-8u$

$p^4 - p^2$  ,  $-5p^4 + 4p^2$

7)  $-3k^3 - 1$  ,  $1 + 6k^5$  ,  $17k^3 - 6k^5$

8)  $x^3 - 2x^6$  ,  $x^6 + 3$  ,  $9x^3 - 5$

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## Answer key

### Adding Binomials

Single-variable: S1

Add the binomials.

1)  $7y^2 + 14$  ,  $y^6 - 6$  ,  $-y^6 - y^2$

2)  $-a^5 - 5a$  ,  $-4a - 2a^5$  ,  $2a^3 + 7a$

$6y^2 + 8$

$-3a^5 + 2a^3 - 2a$

3)  $n^4 - 7n^5$  ,  $7n^4$

# PREVIEW

$-3s$  ,  $s - 12$

$-7n^5 + 11n^4 + 1$

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5)  $7u^3 + u^6$  ,  $-8u$

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$p^4 - p^2$  ,  $-5p^4 + 4p^2$

$u^6 - u^5 - u^3 - 2$

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7)  $-3k^3 - 1$  ,  $1 + 6k^5$  ,  $17k^3 - 6k^5$

8)  $x^3 - 2x^6$  ,  $x^6 + 3$  ,  $9x^3 - 5$

$14k^3$

$-x^6 + 10x^3 - 2$