

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

## Adding Binomials

Single-variable: L2S3

Add the binomials.

1)  $-23z^6 + 4$  ,  $13z^4 + 6z^5$

2)  $10k^4 + \frac{1}{2}$  ,  $10k^4 - \frac{1}{2}$

3)  $\frac{4}{7}d^4 - 12$  ,

# PREVIEW

$\frac{1}{3}a^4 + a^3$

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5)  $t^3 - \frac{1}{2}$  ,  $-\frac{1}{8}$

$4y^4 - \frac{1}{5}y^6$

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7)  $\frac{1}{4}w^2 - \frac{2}{9}w$  ,  $\frac{1}{4}w^2 - \frac{4}{9}w$

8)  $\frac{1}{2}u - 1$  ,  $-5 - u$

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## Answer key

### Adding Binomials

Single-variable: L2S3

Add the binomials.

1)  $-23z^6 + 4$  ,  $13z^4 + 6z^5$

2)  $10k^4 + \frac{1}{2}$  ,  $10k^4 - \frac{1}{2}$

$-23z^6 + 6z^5 + 13z^4 + 4$

$20k^4$

3)  $\frac{4}{7}d^4 - 12$  ,

# PREVIEW

$\frac{1}{3}a^4 + a^3$

$\frac{11}{7}d^4 - 19$

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$2a^3$

5)  $t^3 - \frac{1}{2}$  ,  $-\frac{1}{8}$

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$4y^4 - \frac{1}{5}y^6$

$\frac{7}{8}t^3 + \frac{1}{3}$

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7)  $\frac{1}{4}w^2 - \frac{2}{9}w$  ,  $\frac{1}{4}w^2 - \frac{4}{9}w$

8)  $\frac{1}{2}u - 1$  ,  $-5 - u$

$\frac{1}{2}w^2 - \frac{2}{3}w$

$-\frac{1}{2}u - 6$