

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

## Adding Binomials

Multi-variable: S4

Add the binomials.

1)  $6pqr + 2$  ,  $2p^3r^2 - pqr$  ,  $6 + p^3r^2$     2)  $-ab^2 - bc$  ,  $ac - 9ab^2$  ,  $-ac + bc$

3)  $2gh - 3$  ,  $-2k$

$2y + z^4$  ,  $-z^4 - 6y$

5)  $-b^6 - bc$  ,  $c^3d$

$s^3 + 21$  ,  $st - 5rst$

7)  $15vw^3 + 2v$  ,  $8 - 2v$  ,  $-6vw^3 - 1$     8)  $5m^3 + n$  ,  $-6m^3 - 5n$  ,  $4n + m^3$

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## Answer key

### Adding Binomials

Multi-variable: S4

Add the binomials.

1)  $6pqr + 2$  ,  $2p^3r^2 - pqr$  ,  $6 + p^3r^2$     2)  $-ab^2 - bc$  ,  $ac - 9ab^2$  ,  $-ac + bc$

$3p^3r^2 + 5pqr + 8$

$-10ab^2$

3)  $2gh - 3$  ,  $-2k$

# PREVIEW

$2y + z^4$  ,  $-z^4 - 6y$

$2gh - 6g - 9h$

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5)  $-b^6 - bc$  ,  $c^3d$

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$s^3 + 21$  ,  $st - 5rst$

$-b^6 + 5c^3d + 8$

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$st + 15$

7)  $15vw^3 + 2v$  ,  $8 - 2v$  ,  $-6vw^3 - 1$     8)  $5m^3 + n$  ,  $-6m^3 - 5n$  ,  $4n + m^3$

$9vw^3 + 7$

$0$