

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

## Adding Monomials & Binomials

Multi-variable: S3

Add the monomials and binomials.

1)  $-7x^6 - 4$  ,  $-2w^2$  ,  $-6x^4w - 1$       2)  $-14$  ,  $26cd$  ,  $35ab + 14$

3)  $12mn$  ,  $-8n^6$

$| 1u^4$  ,  $v + 2u^3$

5)  $-2p^3q^3r^3 + 8q$

$| z - 5z^5$  ,  $-2xy^2z$

7)  $-22k^3$  ,  $-13k'$

$| s^6t^2$  ,  $-s^2t^6 - 15$

9)  $-d^3 + c^2d^2$  ,  $-4c^2d^2 + d^3$  ,  $3$       10)  $q^3r - qr^4$  ,  $-21$  ,  $-9qr^4$

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

**Answer key**

Multi-variable: S3

**Adding Monomials & Binomials**

Add the monomials and binomials.

1)  $-7x^6 - 4$  ,  $-2w^2$  ,  $-6x^4w - 1$       2)  $-14$  ,  $26cd$  ,  $35ab + 14$

$-7x^6 - 6x^4w - 2w^2 - 5$

$35ab + 26cd$

3)  $12mn$  ,  $-8n^6$

$-2n^6 + 7mn$

5)  $-2p^3q^3r^3 + 8q$

$-2p^3q^3r^3 - 32$

7)  $-22k^3$  ,  $-13k^*$

$h^5 + g^3h^2 - 13k^* - 22k^*$

$11u^4$  ,  $v + 2u^3$

$-3v^2 + 5u + v$

$z - 5z^5$  ,  $-2xy^2z$

$s^6t^2$  ,  $-s^2t^6 - 15$

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9)  $-d^3 + c^2d^2$  ,  $-4c^2d^2 + d^3$  ,  $3$       10)  $q^3r - qr^4$  ,  $-21$  ,  $-9qr^4$

$-3c^2d^2 + 3$

$-10qr^4 + q^3r - 21$