

Name : _____

Adding Polynomials

Multi-variable: S3

Add the polynomials.

1) $-4g^6h - 16k^3 + 2gh^2 + 9$, $-25gh^2 - 6k^3 - 10 + 5k$, $-18k^3 - 5k + 2g^6h$

2) $v + 5stu + 11s - 2u - 4t$, $-8stu - 12v + 2t + 5u - s$, $t - 2stu - 5s^2 + 5u - v$

3) $-9bc^5d^2 + 25a$

$bc^5d^2 + 4 - 6d^4 - c^6$

4) $-4q^3 + 8p^5 + 2$

$3q^4 - 15p - 2r^6 - q^3$

5) $n - 27n^5 - 39n$

$24 - n + 6m$

6) $y^4z^3 - 5x^5y + 6z$, $-3x^5y + 7y^4z^3 + 2w^2xy + 5x^4 - 6z$, $-w^2xy + 8x^5y - 20x^4$

PREVIEW

Gain complete access to the largest
collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com

Name : _____

Answer key

Adding Polynomials

Multi-variable: S3

Add the polynomials.

1) $-4g^6h - 16k^3 + 2gh^2 + 9$, $-25gh^2 - 6k^3 - 10 + 5k$, $-18k^3 - 5k + 2g^6h$

$-2g^6h - 40k^3 - 23gh^2 - 1$

2) $v + 5stu + 11s - 2u - 4t$, $-8stu - 12v + 2t + 5u - s$, $t - 2stu - 5s^2 + 5u - v$

$-5stu - 5s^2 +$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

3) $-9bc^5d^2 + 25a$

$16bc^5d^2 + 4c^6$

$bc^5d^2 + 4 - 6d^4 - c^6$

4) $-4q^3 + 8p^5 + 2$

$-5q^3 - 11pq$

$3q^4 - 15p - 2r^6 - q^3$

5) $n - 27n^5 - 39n$

-24

www.mathworksheets4kids.com

$24 - n + 6m$

6) $y^4z^3 - 5x^5y + 6z$, $-3x^5y + 7y^4z^3 + 2w^2xy + 5x^4 - 6z$, $-w^2xy + 8x^5y - 20x^4$

$8y^4z^3 - 15x^4 + w^2xy$