

Name : _____

Classifying Polynomials

Sheet 5

Classify each polynomial based on degree and the number of terms.

1) $-r^4s - 3st^5 + t^4$

2) $-5 + x^2 + y^3$

3) $4y^5 + 3y^4 - y^3 + 7y$

5) $10 - q$

7) -15

9) $3abc - 2a^2 - c + 7$

11) $-7v^3 + uv^2w - 4u^3v^2 - 8uvw + w^2 - 3$

12) $-9pq - 2qr$

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

$m^4 - 7m^2$

$+ 7z^3 - z^2 + z$

Name : _____

Answer key

Sheet 5

Classifying Polynomials

Classify each polynomial based on degree and the number of terms.

1) $-r^4s - 3st^5 + t^4$

sixth degree trinomial

2) $-5 + x^2 + y^3$

cubic trinomial

3) $4y^5 + 3y^4 - y^3 + 7y$

quintic polynomial

PREVIEW

cubic monomial

5) $10 - q$

linear

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

$m^4 - 7m^2$

polynomial with 4 terms

7) -15

constant

Members, please log in to download this worksheet.

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

degree binomial

9) $3abc - 2a^2 - c + 7$

quartic polynomial with 5 terms

www.mathworksheets4kids.com

$+ 7z^3 - z^2 + z$

sixth degree polynomial with 6 terms

11) $-7v^3 + uv^2w - 4u^3v^2 - 8uvw + w^2 - 3$

quintic polynomial with 6 terms

12) $-9pq - 2qr$

quadratic binomial