

Name : _____

Classifying Polynomials

L2S4

Classify each polynomial based on degree.

1) $3m^2n - m^5 + 2n^3 - m - 7mn$

2) $9a - 2b$

3) $-2u^3 - 4u^2 + u + 1 - 6y^3z + y^3z^2 + 3$

5) $6p^3qr - p^2q - 8c^3 - s^2$

7) $16cd + 17 + 2d + cd^3$

9) $8c^2 + c$

11) $-pq^2$

12) $-3x^3y$

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

Classifying Polynomials

L2S4

Classify each polynomial based on degree.

1) $3m^2n - m^5 + 2n^3 - m - 7mn$

quintic

2) $9a - 2b$

linear

3) $-2u^3 - 4u^2 + u + 1 - 6y^3z + y^3z^2 + 3$

cubic

quintic

5) $6p^3qr - p^2q - 8c^5 - s^2$

sixth degree

quintic

7) $16cd + 17 + 2d + cd^3$

constant

quartic

9) $8c^2 + c$

quadratic

sixth degree

11) $-pq^2$

cubic

12) $-3x^3y$

quartic

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