

Name : _____

Classifying Polynomials

L2S3

Classify each polynomial based on degree.

1) $-v^3 + 6v$

2) $3mn^2 + m^4 - 20$

3) $2q + pq + r - 3c$

5) $-5 + 2x - 8y$

7) $3c^2d^2 - cd^4 - cd$

9) -2

11) $7r^4 + r^3 + 2r^2 - 3r$

12) $-13x^6$

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Name : _____

Answer key

Classifying Polynomials

L2S3

Classify each polynomial based on degree.

1) $-v^3 + 6v$

cubic

2) $3mn^2 + m^4 - 20$

quartic

3) $2q + pq + r - 3c$

quad

PREVIEW

th degree

5) $-5 + 2x - 8y$

lin

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quintic

7) $3c^2d^2 - cd^4 - cd$

qui

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$-t^5 - 7st^2u + s^4$

th degree

9) -2

constant

$+ 5 + b^4$

quintic

11) $7r^4 + r^3 + 2r^2 - 3r$

quartic

12) $-13x^6$

sixth degree