

Name : _____

Classifying Polynomials

L2S1

Classify each polynomial based on degree.

1) $v - 5 + u$

2) $u^2 + uv - 5v + v^2w + 8 - 6w$

3) $8x^4y - 5z^3$

$n^2n^2 + 4n^3 - mn$

5) $19 + 3h^2 + 2h$

$3p$

7) $2r^3s^2t + 9s^4t$

$W^3 + W^5$

9) $-3d^3 + 8cd^2 - d$

11) $-4p^2q^3 + p^3 - 7q^4 + 9p^3q^2r$

12) $7abc$

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Name : _____

Answer key

Classifying Polynomials

L2S1

Classify each polynomial based on degree.

1) $v - 5 + u$

linear

2) $u^2 + uv - 5v + v^2w + 8 - 6w$

cubic

3) $8x^4y - 5z^3$

quintic

PREVIEW

$2n^2 + 4n^3 - mn$

quartic

5) $19 + 3h^2 + 2h$

quadratic

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$3p$

third degree

7) $2r^3s^2t + 9s^4t$

sixth degree

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$2w^3 + w^5$

quintic

9) $-3d^3 + 8cd^2 - d$

quartic

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constant

11) $-4p^2q^3 + p^3 - 7q^4 + 9p^3q^2r$

sixth degree

12) $7abc$

cubic