

Name : _____

Classifying Polynomials

L1S5

Classify each polynomial based on degree.

1) $-25 - 7t + 5t^2$

2) 8

3) $3x^2 - 5$

4) $2 - pq^2 + pq$

5) $u^3 + 5uv - 8$

6) $5 + 3mn$

7) -11

9) $-3q^3 + q^2 - 7q + 4$

10) $2c^3 + 9c^2$

11) $18 + 2d$

12) $-stu + 6s^2$

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Answer key

Classifying Polynomials

L1S5

Classify each polynomial based on degree.

1) $-25 - 7t + 5t^2$

quadratic

2) 8

constant

3) $3x^2 - 5$

quadratic

4) $2x^3 - 3x^2 + 4x - 7$

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

cubic

5) $u^3 + 5uv - 8$

cubic

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6) $5 + 3mn$

quadratic

7) -11

constant

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linear

9) $-3q^3 + q^2 - 7q + 4$

cubic

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10) $2x^2 + 9c^2$

quadratic

11) $18 + 2d$

linear

12) $-stu + 6s^2$

cubic