

Name : _____

Classifying Polynomials

Sheet 5

Classify each polynomial based on number of terms.

1) $13s^4t$

2) $3m - m^4n^4 + 6n - 2m^5n^2 + 6 - 9m^2$

3) $5qr + q - 7r + 9$

5) $-2x^2 - 6x$

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

9) $ab^2 - 2a^4bc - 17$

11) $-7h^7 + 6gh^2 + g^2 - 4$

12) $5 + pq$

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Answer key

Sheet 5

Classifying Polynomials

Classify each polynomial based on number of terms.

1) $13s^4t$

monomial

2) $3m - m^4n^4 + 6n - 2m^5n^2 + 6 - 9m^2$

polynomial with 6 terms

3) $5qr + q - 7r + 9$

polynomial

binomial

5) $-2x^2 - 6x$

binomial

$-5v^8$

binomial with 4 terms

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

trinomial

$6t^2 + 8t$

binomial with 5 terms

9) $ab^2 - 2a^4bc - 17$

polynomial with 5 terms

monomial

11) $-7h^7 + 6gh^2 + g^2 - 4$

polynomial with 4 terms

12) $5 + pq$

binomial

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