Classifying Polynomials

Classify each polynomial based on number of terms.

1) m^3n^5

_____

2) $-3g^2 - 5gh + h^2$

_____

3) $-t^2 - 3 - 6t^2 + t^4 + 2t^3$

_____

4) $6k + 1 - k^2 - 4k^3$

_____

5) $7p + q + rs$

_____

6) $7x - y + 3xy - 2z - 4 + xyz$

_____

7) $a^3 - c - d^2 - b^4$

_____

8) $3uv + u$

_____

9) $-12 + w$

_____

10) $8m$

_____

Classifying Polynomials

Answer key

Classify each polynomial based on number of terms.

1) m^3n^5

monomial

2) $-3g^2 - 5gh + h^2$

trinomial

3) $-t^2 - 3 - 6t^2 + t^4 + 2t^3$

polynomial with 5 terms

4) $6k + 1 - k^2 - 4k^3$

polynomial with 4 terms

5) $7p + q + rs$

trinomial

6) $7x - y + 3xy - 2z - 4 + xyz$

polynomial with 6 terms

7) $a^3 - c - d^2 - b^4$

polynomial with 4 terms

8) $3uv + u$

binomial

9) $-12 + w$

binomial

10) $8m$

monomial