

Name : _____

Score : _____ Date : _____

Naming Polynomials

Name each polynomial by degree and number of terms.

1 $-a^3$

2 $-q^5$

3 $6n^2 - n^3 + 6n$

4 $-y^4 - 3y^3 - 10y^3$

5 $-10q^6 + 8q^5 - b^3 + 1$

6 $3y^4$

7 $8p - 2 - 6p^2$

8 $3 - 8x - 8x^2$

9 $-4p^6$

10 $-2r^3 + 3r^2 + 3r - 2$

11 $4x^2 - x^3 + 7x + 2$

12 2

13 $-6n^7 + 6n^4$

14 $6z$

Name : _____

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Naming Polynomials

Answers

1 $-a^3$

Cubic monomial

3 $6n^2 - n^3 + 6n$

Cubic trinomial

5 $-10q^6 + 8q^5 - b^3 + 1$

Sixth degree
polynomial with
four terms

7 $8p - 2 - 6p^2$

Quadratic trinomial

9 $-4p^6$

Sixth degree
monomial

11 $4x^2 - x^3 + 7x + 2$

Cubic polynomial
with four terms

13 $-6n^7 + 6n^4$

Seventh degree
binomial

2 $-q^5$

Quintic monomial

4 $-y^4 - 3y^3 - 10y^3$

Quartic trinomial

6 $3y^4$

Quartic monomial

8 $3 - 8x - 8x^2$

Quadratic trinomial

10 $-2r^3 + 3r^2 + 3r - 2$

Cubic polynomial
with four terms

12 2

Linear monomial

14 $6z$

Linear monomial