

15.1 Classifying Polynomials Review

degree: ⁰Constant, ¹linear, ²quadratic, ³cubic

of terms: monomial, binomial, trinomial

15.1 Classifying Polynomials Review

Name each polynomial by degree and number of terms.

1.) $2p^4 + p^3$

4-degree binomial

2.) $2x^2$

quadratic monomial

15.1 Classifying Polynomials Review

Name each polynomial by degree and number of terms.

3.) $-5n^4 + 10n - 10$

4-degree trinomial

4.) $6n$

linear monomial

15.1 Classifying Polynomials Review

Name each polynomial by degree and number of terms.

$$5.) -9n^{\textcircled{1}} + 10$$

linear binomial

$$6.) 8p^{\textcircled{5}} + 5p^3 + 2p^2 + 7$$

5-degree 4-term polynomial

15.1 Classifying Polynomials Review

Name each polynomial by degree and number of terms.

$$7.) -8n^{\textcircled{4}} + 5n^3 + 2n^2 + 8n$$

4-degree 4-term polynomial

$$8.) 9x^{\textcircled{2}} + 3x$$

quadratic binomial

15.1 Classifying Polynomials Review

15.1 Classifying Polynomials Review

Name each polynomial by degree and number of terms.

$$9.) -10k^{\textcircled{4}} + k^2 + k$$

4-degree trinomial

$$10.) 9r^{\textcircled{6}} - 8$$

6-degree binomial

15.1 Classifying Polynomials Review

Name each polynomial by degree and number of terms.

$$11.) 2n^{\textcircled{5}}$$

5-degree monomial

$$12.) 4x - 9x^2 + 4x^3 - 5x^{\textcircled{4}}$$

4-degree 4-term polynomial

15.1 Classifying Polynomials Review

15.1 Classifying Polynomials Review

Name each polynomial by degree and number of terms.

13.) $-4 - 2a^2 + 8a$

quadratic trinomial

14.) 4

constant monomial