

Name : _____

Classifying Polynomials

Classify each polynomial based on number of terms.

① $5 - 6x^3$

② $7p - 4$

③ $5b^2 - 6b$

④ $-3y^5 - 10y^4 - y^3 + 4y$

⑤ $-8x^4 + 5x^3 - 2x^2 - 8x$

⑥ $9q^6 - 8q$

⑦ $-10s^2$

⑧ $-3n$

⑨ $6b^3$

⑩ l^5

⑪ $12x^4 + 10$

⑫ -11

⑬ $10 - 6n^3$

⑭ $10 + 6y$

Name : _____

Classifying Polynomials

Answers

① $5 - 6x^3$

Binomial

③ $5b^2 - 6b$

Binomial

⑤ $-8x^4 + 5x^3 - 2x^2 - 8x$

Polynomial with 4 terms

⑦ $-10s^2$

Monomial

⑨ $6b^3$

Monomial

⑪ $12x^4 + 10$

Binomial

⑬ $10 - 6n^3$

Binomial

② $7p - 4$

Binomial

④ $-3y^5 - 10y^4 - y^3 + 4y$

Polynomial with 4 terms

⑥ $9q^6 - 8q$

Binomial

⑧ $-3n$

Monomial

⑩ l^5

Monomial

⑫ -11

Monomial

⑭ $10 + 6y$

Binomial