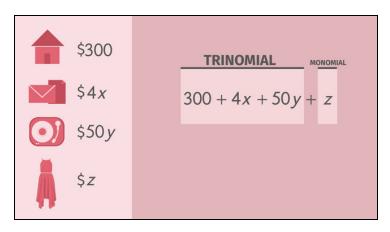
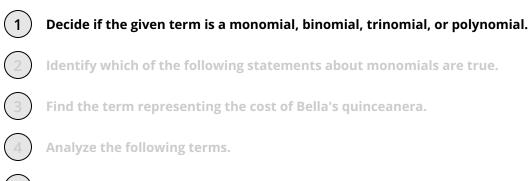


Printable Worksheets from sofatutor.com

Introduction to Polynomials - Naming Polynomials by Number of Terms





Establish the polynomial representing the total cost of Bella's next shopping trip.

Simplify the monomials and then add them together to make a polynomial.

+ with lots of tips, answer keys, and detailed answer explanations for all of the problems.

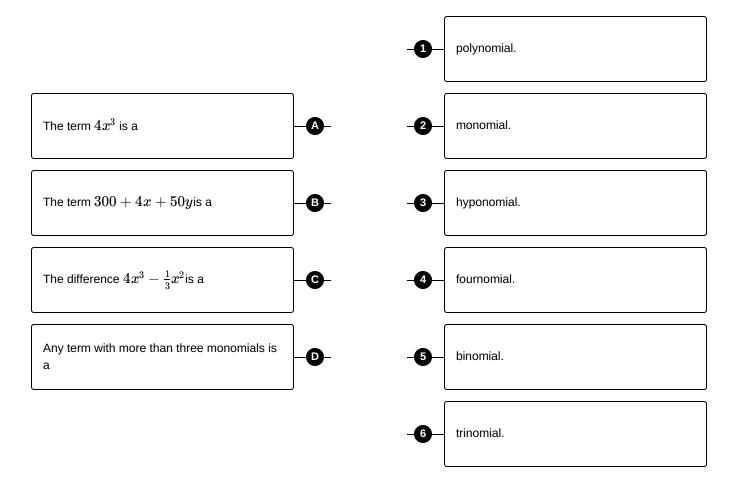


The complete package, **including all problems**, **hints**, **answers**, **and detailed answer explanations** is available for all sofatutor.com subscribers.



Decide if the given term is a monomial, binomial, trinomial, or polynomial.

Match the elements.





Hints for solving these problems



Decide if the given term is a monomial, binomial, trinomial, or polynomial.

Hint #1

Monomials are coefficients times variables raised to non-negative, integer exponents.

Hint #2

 $-\frac{1}{3}x^2$ is an example of a monomial.

Hint #3

- Mono stands for one.
- Bi stands for two.
- Tri stands for three.
- Poly stands for many.





Answers and detailed answer explanations for these problems



Decide if the given term is a monomial, binomial, trinomial, or polynomial.

Answer key: A—2 // B—6 // C—5 // D—1

Monomials are coefficients times variables raised to non-negative, integer exponents.

- A term of two monomials is a binomial.
- A term of three monomials is a trinomial.
- A term of more than three monomials is a polynomial.

Let's look at some examples:

Monomials

- $4x^3$
- $-\frac{1}{3}x^2$
- x
- 5
- 1

Binomials

- $4x^3 \frac{1}{3}x^2$
- x+5

Trinomials

- $4x^3 \frac{1}{3}x^2 + x$
- $4x^3 + x + 1$

Polynomials

- $4x^3 \frac{1}{3}x^2 + x + 5$
- $4x^3 \frac{1}{3}x^2 + x + 1$

