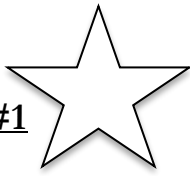


Unit 1 Practice #1



Name: _____ Period: _____

For each expression below, identify the variable, coefficient, and constant:

1. $12x + 18$

Variable: _____
Coefficient: _____
Constant: _____

2. $7x^4 - 10$

Variable: _____
Coefficient: _____
Constant: _____

3. $-9x - 2xy + 3y$

Variable(s): _____
Coefficient of y : _____
Constant: _____

4. $8y^2 - y - 9$

Variable: _____
Coefficient of squared term : _____
Constant: _____

How many terms are in each expression?

5. $17xy^2$

6. $17xy^2 - 15x + 13y$

7. $-14y + 1$

Using the figure below, label the *coefficient*, *variable*, and *exponent*:

$10a^4$

Combine the like terms.

9. $2x + 4x^2 + 3 + 7 + 1x$

10. $2 - 3x + 7x^2 + 7x - 2x^2$

11. $4y - 7x + 9y + 5 + 10y^2 + 3x$

12. $x + y + 2y - 4x + 6$

13. $-4x^2 + 2x^3 + 7x^4 - 3x^2$

14. $2y^2 + 7xy + 6x + 4y$

15. Given the expression: $8x^3 - 2x^2 + 6x + 7$

Identify the coefficient of the quadratic term.

Answer: _____

Identify the coefficient of the x term.

Answer: _____

Identify the constant.

Answer: _____

Identify how many terms are in the expression.

Answer: _____