1 Given the following monomial, identify the coefficient.

$$\frac{2}{3}x^2$$

2 Given the following monomial, identify the coefficient.

$$x^2 y$$

3 Given the following monomial, identify the variable(s).

$$-3x^2$$

4 Given the following monomial, identify the variable(s).

$$\frac{x^2 y^3}{3}$$

5 Given the following monomial, identify the exponent of the variable.

$$5x^7$$

6 Given the following monomial, identify the exponent of the variable.

$$6x$$

7 Given the following monomial, determine the degree of this monomial.

$$2x^5$$

8 Given the following monomial, determine the degree of this monomial.

$$9xyz^2$$

9 Given the following monomial, determine the degree of this monomial.

$$-5$$

10 Given the following monomial, identify the coefficient.

$$\frac{x^3 y^2}{7}$$

Naming parts of an expression

Name: _____   Date: _____

Match the vocabulary to the correct definition. Write the answer in the blank on the left side of that paper.

_____   1. Algebraic Expression   A. Each part of an expression separated by an operation

_____   2. Coefficient   B. A number that stands by itself

_____   3. Constant   C. A number that does not stand by itself. It is attached to the variable.

_____   4. Term   D. A letter that stands for a particular numerical value

_____   5. Variable   E. A number sentence without an equal sign, has at least one two terms and one operation

Identify each part of the algebraic expression as the coefficient, constant, or variable.

1. $4x - 12$

    4 is a(n) _____

    x is a(n) _____

    12 is a(n) _____

2. $a + 3b$

    a is a(n) _____

    3 is a(n) _____

    b is a(n) _____

3. $6y$

    6 is a(n) _____

    y is a(n) _____