Name: ..... Class: .....

Identify terms and coofficients.

1. How many terms are in this expression?
$5 \times 9a \times y$.

2. How many terms are in this expression?
$2a + nm + c + d$.

3. How many terms are in this expression?
$2x^2 + 3x^5 - 13x^3 + 11x - 17$.

4. Identify the coefficient of each term in this expression.
$3x^2 + x^3 + 2$.

5. What is the coefficient of the first term in this expression?
$8 - 7y + 3x$.

6. Identify the coefficient of each term in this expression.
$-8c + 6b + 7 - 3a$.

7. Identify the coefficient of each term in this expression.
$20^2 / 40q - r + t^2$.

8. Identify the coefficient of each term in this expression.
$5y^3 - 8y^3 + y - 10y^4 - 6y$.

Solution

Name: ..... Class: .....

Identify terms and coofficients.

1. How many terms are in this expression?
5 x 9a x y.

Terms are single numbers, variables, or the product of a number and variable.

5 x 9a x y

first term second term

So, 5 x 9a x y has 3 terms.

2. So, 2a + nm + c + d has 4 terms.

3. So, $2x^2 + 3x^5 - 13x^3 + 11x - 17$ has 5 terms.

4. coefficients in $3x^2 + x^3 + 2$ = coefficient of $x^2 = 3$
coefficient of $x^3 = 1$.

5. There is no coefficient.

6. So, there are 4 terms and the coefficients are -8, 6, and -3.

7. So, there are 4 terms and the coefficients are 40, -1, and 1.

8. So, there are 5 terms and the coefficients are 5, -8, 1, -10 and -6.