Understand that terms are values in an expression separated by addition and subtraction.

term - the parts of an expression that are added or subtracted.

$5x^2$ is an expression with one term.
-10 is an expression with one term
x + 1 is an expression with two terms.

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Circle the expressions that contain only one term. Put a box around the expressions that contain more than one term.

4a 3x + 4 2/3y 4n-7 $3k^5$ 4.7t x^2 x/9 8x + 2y + 9

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Answers

one term	more than one term
4a	4n-7
x^2	8x + 2y +9
2/3 y	3x + 4
x/9	
4.7t	
$3k^5$	

How many terms do each of the above expressions contain. Explain how you know the number of terms in an expression.

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Cornell Notes

Questions	Answers
1. What is a term?	1. The parts of an expression that are added or subtracted.
2. What is a coefficient?	2. The number that is multiplied by the variable in an algebraic expression.
3. What is a constant?	3. A fixed value that does not contain variables.
4. What is a variable?	4. A symbol, usually a letter, used to represent a quantity that can change.
5. What is an operator?	5. The sign that determines the operation used in an expression.

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Identify the parts of an expression .

$3x + 7$

In the above expression there are _____ terms. They are _____ and ____.
The x is called the _____.
The 7 is called the _____.
The 3 is called the _____.
The + is called the _____.

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Cornell Notes

Questions	Answers
1. What are like terms?	1. Terms that have the same variable raised to the same power.
2. What is an independent variable?	2. A variable whose value determines the value of other variables.
3. What is a dependent variable?	3. A variable whose value is determined by the value assumed by the independent variable.

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Identify the coefficient, variable, operator, and constant in each of the expressions below then tell how many terms in each expression:

1. $4x^2 + 13$
2. $3x^2 + 5x - 17$
3. $6x^2 + 6y + 1$
4. $12x^2 + 14x$
5. $x^2 + 3x$

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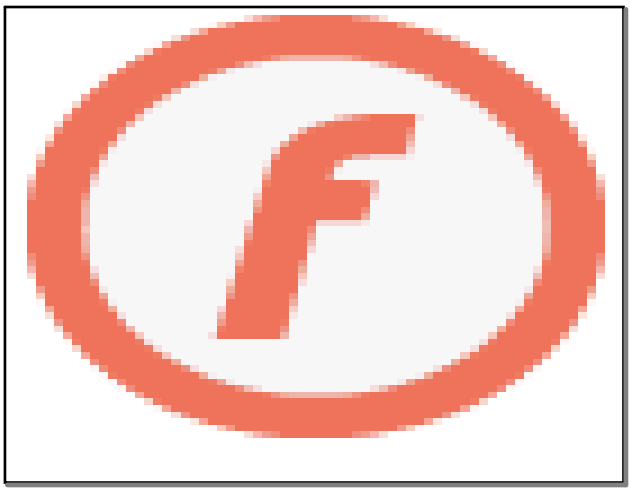
Evaluate each expression if x=2 and y=3

1. $4x^2 + 13$
2. $3x^2 + 5x - 17$
3. $6x^2 + 6y + 1$
4. $12x^2 + 14x$
5. $x^2 + 3x$

Sep 10-8:04 AM



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4 less than a number

a number less than 4

the quotient of a number and 8

the quotient of 8 and a number

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