

Name: _____ Per _____

Math 6

Expressions Quiz Review



1) Write a dialogue for each.

a) $3c + 2f + 4m$ _____

b) $3(2f + 4)$ _____

c) $4(2c + 3f + s - 2) - 3f$ _____

Directions: Translate the verbal model into a math expression.

	Verbal expression	Math expression
2.	7 added to 3 times b	
3.	t squared minus 1	
4.	the quotient of 96 and m	
5.	the product of 2 and k	
6.	12 less than the product of 3 and a number	

Directions: Substitute in the values and solve.

		$x = 2$	$x = 3.5$	$x = 12$
7.	$2x + 5$			
8.	x^2			
9.	$4(2x - 1)$			

Directions: Combine like terms.

12.	$3c + 4f + 2 + c - 2f + 6$	
13.	$b + 2b + 5b - 3b + 10b$	
14.	$4y + 2k - 6 + 5y - k + 13$	

15. Use the following expression to name each part:

$$3p + 27$$

coefficient: _____ constant: _____ operator: _____ variable: _____

number of terms: _____

Distribute and combine like terms:

16.	$3(c + 6)$	
17.	$8(k - 7)$	
18.	$3(4f - 7) + 7f$	
19.	$5(3x + 6y - 4) - 8y$	
20.	$2(3x + 9) - 4x + 2$	

Factor Completely:

21.	$6c + 6f$	
22.	$4h + 4h + 12$	
23.	$8y + 48$	
24.	$6x + 18y - 30$	
25.	$72m - 60k - 144$	