Name _____

1. What is the value of the expression below when $z = 7$?

$$3z - 3$$

2. The number that is being multiplied to the variable is called what?

3. Which expression is equivalent to "y less than 3 times 5"?

A. $Y - 3 \cdot 5$
B. $(y - 3) \cdot 5$
C. $3 \cdot 5 - y$
D. $3 \cdot (5 - y)$

4. Match the words below with the correct part of the expression.

$$3n + 4 - 8$$

Variable   Coefficient   Term   Constant

5. Find the value of the expression $v + 2.5$ when $v = 2.5$.

6. Choose the correct value of the expression $24 \div v + k$ when $v = 3$ and $k = 12$.

A. $\frac{24}{15}$
B. 20
C. 15
D. 18

1. Solve the following expression when $a = 3$ and $b = 2$.

$$5a^2 - 10b + 9b$$

8. Write an expression to represent the following:

Five more than the product of 9 and a number v.

9. Which expression is equivalent to the expression $4(x + 2y)$?

A. $4x + 8y$
B. $4x + 2y$
C. $x + 8y$
D. $8xy$

10. 4. Which verbal expression best represents the algebraic expression $3n - 4$?

A. Three less than four times a number
B. Four less than three times a number
C. Three times four subtracted from a number.
D. Four times the difference of a number and three

611. Write a word phrase for the expression $16 \div (x + 4)$.

12. Which expression is equivalent to $5(d + 1)$?

A. $5d + 5$
B. $5d + 1$
C. $d + 5$
D. $d + 6$

13 Write an equivalent expression for the following:

$$3(6m) + m$$

14. Write an equivalent expression to $3(4h + 2k)$.

15. Expand and simplify the expression.

$$5(m + 2) + 9(n + 4)$$

16. Which expression is equivalent to $8x - 2y + x + x$?

A. $4x$
B. $8x$
C. $6x - 2y$
D. $10x - 2y$

17. Write a definition, in your own words for the following words. Use your notebook

- Variable:

- Constant:

- Coefficient:

- term:

- expression: