

Writing Algebraic Expressions and Distributive Property

Name: _____

Date: _____

Period: _____

Write an algebraic expression for each of the following statements.

1. 7 increased by x
2. p multiplied by 3
3. n less than 7
4. the product of 6 and a number
5. the quotient of x and 15
6. 5 times the quantity of x plus 6
7. 32 divided by the quantity y plus 12

Simplify each expression

8. $2(x + 6)$

9. $5(8 + 7b)$

10. $2(4 + y)$

11. $x^2 + 10 + y^2 + 4xy + 3x^2 + 7$

Evaluate #11 for $x = 4$ and $y = 8$