

HW

Name _____ Date _____ Class _____

LESSON 1-2 Practice B
Writing Algebraic Expressions

Write an expression for each word phrase.

1. a number n divided by 5

$n \div 5$

2. the sum of 4 and a number y

$4 + y$

3. a number c decreased by 11

4. the product of a number n and 9

5. 6 less than a number x

6. the quotient of 21 and a number b

7. 3 times the sum of a number b and 5

8. 10 times the difference of a number d and 3

9. the sum of 11 times a number s and 3

10. 7 minus the product of 2 and a number x

11. a. Madeline worked x hours at a rate of \$7 per hour. Write an expression to find out how much money Madeline earned.

b. How much money would Madeline have earned if she worked 18 hours?

12. a. Jonah wants to divide his baseball card collection of c cards equally among 6 friends. Write an expression to determine the number of cards he will give each friend.

b. If Jonah has 144 cards, how many will he give each friend?

Write an algebraic expression and use it to solve each word problem.

13. Mike bought 45 stamps at the post office. After he used x stamps, he had x less than 45 stamps remaining. How many stamps did he have left after using 33 stamps?

14. At the deli Jackie bought y pounds of ham salad for \$4.19 per pound. If she buys 3 pounds, how much will it cost?