

LESSON

10-1

Modeling and Writing Expressions***Practice and Problem Solving: A/B*****Solve.**

1. Jessica rode 9 miles farther than Roger rode. Let r represent the number of miles Roger rode. Write an expression for the number of miles Jessica rode.

2. Let m represent the number of children playing soccer. Those children are separated into 4 equal teams. Write an expression for the number of children on each team.

3. Glenda bought some apps for her tablet. Each app cost \$5. Let n represent the number of apps she bought. Write an expression to show the total amount she spent.

Write each phrase as a numerical or algebraic expression.

4. 25 multiplied by 3

5. 3 added to n

6. r divided by 8

7. the product of 7 and m

8. the difference between 48 and 13

9. the quotient of 18 and 3

10. 189 subtracted from t

11. the sum of w and 253

Write two word phrases for each expression.

12. $t + 23$ _____

13. $45 - n$ _____

Solve.

14. Write an expression that has two terms. Your expression should have a variable and a constant.
