CHAPTER 7

Name _____ Date _____

Expressions Puzzle

Use after Lesson 7.2.

In each row, circle the algebraic expression that has the same meaning as the word phrase.

1.	the sum of a number and 4	**T.** $n - 4$	**S.** $n + 4$	**R.** $4n$
2.	a number divided by 5	**R.** $5n$	**I.** $\frac{5}{n}$	**O.** $\frac{n}{5}$
3.	a number increased by 2.3	**E.** $2.3 - n$	**O.** $n + 2.3$	**H.** $2.3n$
4.	the product of 6 and a number	**E.** $6n$	**T.** $6 + n$	**D.** $2n + 6$
5.	four more than 3 times a number	**L.** $4 + 3 + n$	**M.** $4n + 3$	**G.** $3n + 4$

Use your answers to Exercises 1–5 to answer the question below. Write the related letter in the space above each number.

Question: What animal grows down as it grows up?

Answer: A ___ ___ ___ ___ ___ .

5 2 3 1 4

CHAPTER 7

Name _____ Date _____

From Solutions to Equations

Use after Lesson 7.4.

Look at the four equations in the table below. The solution for each is 3.

Addition Equation	Subtraction Equation	Multiplication Equation	Division Equation
Solve by subtraction.	Solve by addition.	Solve by division.	Solve by multiplication.
$n + 7 = 10$	$n - 1 = 2$	$5n = 15$	$\frac{n}{3} = 1$
$n + 7 - 7 = 10 - 7$	$n - 1 + 1 = 2 + 1$	$\frac{5n}{5} = \frac{15}{5}$	$3 \cdot \frac{n}{3} = 3 \cdot 1$
$n = 3$	$n = 3$	$n = 3$	$n = 3$

Write four equations (addition, subtraction, multiplication, and division) for each solution.

1. Solution = 4 _____
2. Solution = 6 _____
3. Solution = 10 _____
4. Solution = 1.2 _____

Copyright © McDougal Littell Inc.
All rights reserved.