

# Variables and Expressions

1. Write an algebraic expression to represent the cost of a concert ticket,  $h$ , with a service charge of \$6.75.

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2. Write an algebraic expression to represent the cost of  $m$  gallons of gasoline if each gallon costs \$1.45.

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Evaluate each expression for  $n = 3$  and  $n = 6$ .

3.  $0.2 \times n$  \_\_\_\_\_

4.  $n - 2.1$  \_\_\_\_\_

5.  $\frac{12}{n}$  \_\_\_\_\_

6.  $35 + n$  \_\_\_\_\_

Complete each table.

7.

$n$	$0.9 + n$
0.5	
0.2	
0.15	
0.1	

8.

$n$	$96 \div n$
1	
2	
3	
4	

9. **Representations** What is another way to write the expression  $44n$ ?  $44 \div n$ ?

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## Test Prep

10. Which is the correct product of  $n \times 7$  if  $n = \$0.25$ ?

A. \$3.25

B. \$2.75

C. \$2.25

D. \$1.75

11. **Writing in Math** Write a situation that can be represented by the algebraic expression  $\$3.25d$ .

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