

Introduction to Algebra

Practice B: Variables and Expressions

Evaluate each expression to find the missing values in the tables.

1.

n	$n + 8^2$
7	71
9	
22	
35	

2.

n	$25 - n$
20	5
5	
18	
9	

3.

n	$n \cdot 7$
8	56
9	
11	
12	

4.

n	$24 \div n$
2	12
6	
4	
8	

5.

n	$n + 15$
35	
5	
20	
85	

6.

n	$n \cdot 2^3$
7	
4	
10	
13	

7. A car is traveling at a speed of 55 miles per hour. You want to write an algebraic expression to show how far the car will travel in a certain number of hours. What will be your constant? your variable?

8. Shawn evaluated the algebraic expression $x \div 4$ for $x = 12$ and gave an answer of 8. What was his error? What is the correct answer?

