

Name _____

Patterns and Expressions

In 1–4, evaluate each expression for $n = 3$ and $n = 8$.

1. $n + 10$

2. $\frac{24}{n}$

3. $n \times 5$

4. $36 - n$

Complete each table.

5.

n	$0.5 + n$
0.3	
0.1	
0.17	
0.12	

6.

n	$48 \div n$
1	
2	
3	
4	

7. **Write a Problem** Write a situation that can be represented by the algebraic expression $\$3.50t$.

8. **Algebra** If $a = 10$, which of the following is the correct solution for $a \times 0.1$?

A 0.01

B 0.1

C 1

D 10

9. **Explain It** Write one numerical expression and one algebraic expression. Then explain what the difference between a numerical and algebraic expression is.

