

# Lesson 4 Homework Practice

## *Algebraic Expressions*

Evaluate each expression if  $m = 6$  and  $n = 12$ .

1.  $m + 5$

2.  $n - 7$

3.  $m \cdot 4$

4.  $m + n$

5.  $n - m$

6.  $12 \div n$

7.  $9 \cdot n$

8.  $n \div m$

9.  $2m + 5$

10.  $4m - 17$

11.  $36 - 6m$

12.  $3n + 8$

Evaluate each expression if  $a = 9$ ,  $b = 3$ , and  $c = \frac{1}{3}$

13.  $a^2 \div 3$

14.  $15b + a^2$

15.  $b^2 + 4 \cdot 6$

16.  $a^2 - 2b^2$