

NAME _____

DATE _____

PERIOD _____

Pre-Algebra
Chapter 1.5
Evaluating Expressions

In Exercises 1-8, evaluate each expression if $x = 5$ and $y = 12$.

1 $3x + 9y$

2 $12 + 3y$

3 $5x + 7x$

4 $xy - y$

5 $12y - 8y$

6 $3x^2 + 2y^2$

7 $5(x + y)$

8 $3xy^2 - 5x^2$

In Exercises 9-11, evaluate each expression if $z = 3$, $r = 7$, $m = 9$.

9 $3z + r^2 - 2m$

10 $5(m - r) + 7(r - z) - 3(m - z)$

11 $6(r - z) + 6(m - z) + 6(m - r)$