

Name : _____

Date : _____

Algebraic Expressions

Instructions: Evaluate each expression for the given values of variables.

1. If $x = 5$ and $y = 2$, then $2x + 3y - 4 =$

6. If $x = 6$ and $y = 3$, then $\frac{2x + 3y}{3} =$

2. If $x = 3$ and $y = 1$, then $2x + 4y + 7 =$

7. If $p = 4$ and $q = 6$, then $\frac{p^2 + q}{2} =$

3. If $a = 4$, $b = 2$, and $c = 3$, then $5a + 2b - 7c =$

8. If $p = 4$, $q = 2$, and $r = 3$, then $5p - q^2 + 2r =$

4. If $m = 3$, then $3m^2 - 2m + 5 =$

9. If $x = 7$ and $y = 2$, then $(x + y)(x - y) =$

5. If $x = 2$ and $y = 5$, then $5x^2 + 3y - 12 =$

10. If $x = 2$ and $y = 3$, then $10 - 2x + 3y^2 =$