

Name: _____

Date: _____

Pre-Algebra Variable Equations Worksheet

Instructions: Solve the following equations after plugging in the variables.

1) $x + xy; x = 2 \ y = 3$

2) $10 \div z + y; y = 5 \ z = 2$

3) $i + 5 - j; i = 10 \ j = 16$

4) $xy + yx; x = 5 \ y = 2$

5) $q(p + q); p = 6 \ q = 3$

6) $a(b + 4)^2; a = 3 \ b = 4$

7) $x + 2y - (12 \div y); x = 3 \ y = 4$

8) $m(n \div m); m = 4 \ n = 20$

9) $x + y(x + y); x = 2 \ y = 7$

10) $m^2 + n(mn); m = 3 \ n = 4$
