

Evaluating Variable Expressions

Date _____ Period _____

Evaluate each using the values given.

1) $n^2 - m$; use $m = 7$, and $n = 8$

2) $8(x - y)$; use $x = 5$, and $y = 2$

3) $yx \div 2$; use $x = 7$, and $y = 2$

4) $m - n \div 4$; use $m = 5$, and $n = 8$

5) $x - y + 6$; use $x = 6$, and $y = 1$

6) $z + x^3$; use $x = 1$, and $z = 19$

7) $y + yx$; use $x = 15$, and $y = 8$

8) $q \div 6 + p$; use $p = 10$, and $q = 12$

9) $x + 8 - y$; use $x = 20$, and $y = 17$

10) $15 - (m + p)$; use $m = 3$, and $p = 10$

11) $10 - x + y \div 2$; use $x = 5$, and $y = 2$

12) $p - 2 + qp$; use $p = 7$, and $q = 4$

$$13) \ zy + 4y; \text{ use } y = 5, \text{ and } z = 2$$

$$14) \ b(a + b) + a; \text{ use } a = 9, \text{ and } b = 4$$

$$15) \ p^2 \div 4 - m; \text{ use } m = 3, \text{ and } p = 4$$

$$16) \ x(y \div 3)^2; \text{ use } x = 4, \text{ and } y = 9$$

$$17) \ 4 + m + n - m; \text{ use } m = 4, \text{ and } n = 9$$

$$18) \ qp + q - p; \text{ use } p = 7, \text{ and } q = 3$$

$$19) \ mn \div 6 + 10; \text{ use } m = 7, \text{ and } n = 6$$

$$20) \ h + j(j - h); \text{ use } h = 2, \text{ and } j = 6$$

$$21) \ (b - 1)^2 + a^2; \text{ use } a = 6, \text{ and } b = 1$$

$$22) \ y(x - (9 - 4y)); \text{ use } x = 4, \text{ and } y = 2$$

$$23) \ x - (x - (x - y^3)); \text{ use } x = 9, \text{ and } y = 1$$

$$24) \ j(h - 9)^3 + 2; \text{ use } h = 9, \text{ and } j = 8$$