Name_____

Evaluating Expressions

Date_____ Period_____

Evaluate each using the values given.

1) $y \div 2 + x$; use $x = 1$, and $y = 2$

2) $a - 5 - b$; use $a = 10$, and $b = 4$

3) $p^2 + m$; use $m = 1$, and $p = 5$

4) $y + 9 - x$; use $x = 1$, and $y = 3$

5) $m + p \div 5$; use $m = 1$, and $p = 5$

6) $y^2 - x$; use $x = 7$, and $y = 7$

7) $z(x + y)$; use $x = 6$, $y = 8$, and $z = 6$

8) $x + y + y$; use $x = 9$, and $y = 10$

9) $p^3 + 10 + m$; use $m = 9$, and $p = 3$

10) $6q + m - m$; use $m = 8$, and $q = 3$

11) $p^2 m \div 4$; use $m = 4$, and $p = 7$

12) $y - \left(z + z^2\right)$; use $y = 10$, and $z = 2$

13) $z - (y \div 3 - 1)$; use $y = 3$, and $z = 7$

14) $(y + x) \div 2 + x$; use $x = 1$, and $y = 1$

15) $p - (9 - (m + q))$; use $m = 4$, $p = 5$, and $q = 3$

16) $(a^2 - b) \div 6$; use $a = 5$, and $b = 1$

17) $2(p + 4) - (m + n)$; use $m = 4$, $n = 2$, and $p = 5$

18) $y - (4 - x - y \div 2)$; use $x = 3$, and $y = 2$

19) $x^3 \div 3 - y$; use $x = 3$, and $y = 1$

20) $pn + (n + m)^2$; use $m = 1$, $n = 4$, and $p = 6$

21) $12k - h^2$; use $h = 2$, and $k = 3$

22) $p + m + n + m^2$; use $m = 4$, $n = 5$, and $p = 5$

23) $2 + r - (5 - q) + p$; use $p = 2$, $q = 2$, and $r = 5$

24) $y - z + xz \div 6$; use $x = 3$, $y = 4$, and $z = 4$

25) $\dfrac{y}{2} + x + 4 + z + y$; use $x = 7$, $y = 2$, and $z = 4$

26) $c \times \dfrac{bc}{4} - (7 - a)$; use $a = 4$, $b = 8$, and $c = 5$

Name_____

Evaluating Expressions

Date_____ Period_____

Evaluate each using the values given.

1) $y \div 2 + x$; use $x = 1$, and $y = 2$

   2

2) $a - 5 - b$; use $a = 10$, and $b = 4$

   1

3) $p^2 + m$; use $m = 1$, and $p = 5$

   26

4) $y + 9 - x$; use $x = 1$, and $y = 3$

   11

5) $m + p \div 5$; use $m = 1$, and $p = 5$

   2

6) $y^2 - x$; use $x = 7$, and $y = 7$

   42

7) $z(x + y)$; use $x = 6$, $y = 8$, and $z = 6$

   84

8) $x + y + y$; use $x = 9$, and $y = 10$

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9) $p^3 + 10 + m$; use $m = 9$, and $p = 3$

   46

10) $6q + m - m$; use $m = 8$, and $q = 3$

   18

11) $p^2 m \div 4$; use $m = 4$, and $p = 7$

   49

12) $y - \left(z + z^2\right)$; use $y = 10$, and $z = 2$

   4

13) $z - (y \div 3 - 1)$; use $y = 3$, and $z = 7$

   7

14) $(y + x) \div 2 + x$; use $x = 1$, and $y = 1$

   2

15) $p - (9 - (m + q))$; use $m = 4$, $p = 5$, and $q = 3$

   3

16) $(a^2 - b) \div 6$; use $a = 5$, and $b = 1$

   4

17) $2(p + 4) - (m + n)$; use $m = 4$, $n = 2$, and $p = 5$

   12

18) $y - (4 - x - y \div 2)$; use $x = 3$, and $y = 2$

   2

19) $x^3 \div 3 - y$; use $x = 3$, and $y = 1$

   8

20) $pn + (n + m)^2$; use $m = 1$, $n = 4$, and $p = 6$

   49

21) $12k - h^2$; use $h = 2$, and $k = 3$

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22) $p + m + n + m^2$; use $m = 4$, $n = 5$, and $p = 5$

   30

23) $2 + r - (5 - q) + p$; use $p = 2$, $q = 2$, and $r = 5$

   6

24) $y - z + xz \div 6$; use $x = 3$, $y = 4$, and $z = 4$

   2

25) $\dfrac{y}{2} + x + 4 + z + y$; use $x = 7$, $y = 2$, and $z = 4$

   18

26) $c \times \dfrac{bc}{4} - (7 - a)$; use $a = 4$, $b = 8$, and $c = 5$

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