

## Evaluating Expressions

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

12)  $y - (z + z^2)$ ; 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)  $\frac{y}{2} + x + 4 + z + y$ ; use  $x = 7$ ,  $y = 2$ , and  $z = 4$

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

## Evaluating Expressions

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  $p = 3$

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

18

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

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12)  $y - (z + z^2)$ ; 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  $p = 6$

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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  $p = 5$

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

18

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

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