

Assignment

Date _____ Period _____

Evaluate each using the values given.

1) $y(x - (x - z)) - z$; use $x = 5$, $y = 4$, and $z = 2$

2) $x + \frac{z}{4} - \frac{x}{5}$; use $x = 5$, and $z = 4$

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

4) $q + q(p + p - 1)$; use $p = 2$, and $q = 6$

5) $p - 2 - (4 - (m - n))$; use $m = 5$, $n = 1$, and $p = 6$

6) $h(k - (j + h - j))$; use $h = 2$, $j = 4$, and $k = 4$

7) $z^2 + y + y + z$; use $y = 1$, and $z = 5$

8) $y + (5 - z)(z + y)$; use $y = 6$, and $z = 3$

9) $1 - j + hk - h$; use $h = 6$, $j = 1$, and $k = 6$

10) $b(b - (c^2 - b))$; use $b = 6$, and $c = 3$

11) $m + m - \frac{m - p}{3}$; use $m = 6$, and $p = 3$

12) $2 - \frac{6}{6} + c - a$; use $a = 1$, and $c = 5$

13) $3q + p(3 - 3)$; use $p = 4$, and $q = 3$

14) $k - (4 - (k + h + j))$; use $h = 1$, $j = 2$, and $k = 1$

15) $zx - (x - y) - z$; use $x = 2$, $y = 1$, and $z = 2$

16) $(m + 4)(m - (n - m))$; use $m = 5$, and $n = 5$

17) $2a^2b^2$; use $a = 2$, and $b = 2$

18) $q + p + q - 1 - 3$; use $p = 5$, and $q = 1$

19) $2(z + y)(x - y)$; use $x = 5$, $y = 2$, and $z = 2$

20) $p(p(5 - 2) - r)$; use $p = 4$, and $r = 5$

21) $(z - z)^3 + y + x$; use $x = 6$, $y = 5$, and $z = 1$

22) $c + a - a(c - c)$; use $a = 4$, and $c = 5$

23) $\frac{5j(k - 3)}{6}$; use $j = 4$, and $k = 6$

24) $5 + q - (1 + r^2)$; use $q = 2$, and $r = 2$

25) $k + 4 - j - (k - 1)$; use $j = 3$, and $k = 4$

26) $z + 6 - y + \frac{y}{4}$; use $y = 4$, and $z = 6$

27) $p + m + n - m - m$; use $m = 3$, $n = 6$, and $p = 1$

28) $y + \frac{z^2x}{6}$; use $x = 4$, $y = 4$, and $z = 6$

29) $x(z + y) - x^2$; use $x = 6$, $y = 5$, and $z = 3$

30) $y + x - (y + z - z)$; use $x = 2$, $y = 4$, and $z = 5$

31) $p\left(r + q + r - \frac{q}{4}\right)$; use $p = 6$, $q = 4$, and $r = 3$

32) $p + 4 + 4 + p + q + m$; use $m = 4$, $p = 6$, and $q = 4$

33) $6 + n + \frac{mp}{6} - m$; use $m = 2$, $n = 1$, and $p = 6$

34) $b - (b - b) + \left(\frac{a}{6}\right)^3$; use $a = 6$, and $b = 4$

35) $\frac{4}{4} + y - (x - (z - z))$; use $x = 5$, $y = 5$, and $z = 5$

36) $6 + 4y(z + z - z)$; use $y = 2$, and $z = 2$

37) $6p^2 - p - q - p$; use $p = 3$, and $q = 1$

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

39) $c - \left(a - \frac{a}{5} - \frac{b}{5}\right)$; use $a = 5$, $b = 5$, and $c = 4$

40) $p(q - 1) - \frac{6 - p}{2}$; use $p = 4$, and $q = 3$

41) $6 - z + z + y + x + y$; use $x = 5$, $y = 6$, and $z = 1$

42) $3 - \left(1 - \left(\frac{a}{5} + 6 - c\right)\right)$; use $a = 5$, and $c = 6$

43) $3 - (z - (z + 3)(y - y))$; use $y = 1$, and $z = 2$

44) $y + (1^2)^2 + x + y$; use $x = 1$, and $y = 6$

45) $z - \left(x + y - \left(\frac{2}{2}\right)^2\right)$; use $x = 2$, $y = 3$, and $z = 6$

46) $h(6 + k) - (j + h) - h$; use $h = 4$, $j = 4$, and $k = 1$

47) $\frac{z + y - 1}{4}(z + y)$; use $y = 6$, and $z = 3$

48) $5 + z^3 - x - z^2$; use $x = 2$, and $z = 2$

49) $q + (m + q)(15 - p)$; use $m = 1$, $p = 1$, and $q = 1$

50) $y + 6(x + x - (z + 6))$; use $x = 5$, $y = 2$, and $z = 1$

51) $x - \frac{y - y}{6} \times y^3$; use $x = 4$, and $y = 4$

52) $\frac{6}{6} + x - \left(y + \frac{y}{4}\right)$; use $x = 6$, and $y = 4$

53) $z(z - (y + x - (x + 4)))$; use $x = 4$, $y = 5$, and $z = 4$

54) $\frac{z+2}{4} + 20 - x$; use $x = 1$, and $z = 6$

55) $\frac{x}{2} + x + z(x + y)$; use $x = 2$, $y = 5$, and $z = 5$

56) $\left(6 - \left(q - \frac{5}{5}\right)\right)(p + 4)$; use $p = 4$, and $q = 4$

57) $6 + y - x + 5 - y + z$; use $x = 4$, $y = 5$, and $z = 3$

58) $p - ((p - 1)(r - r) + 2)$; use $p = 3$, and $r = 6$

59) $p - (6 - n - (n - (p - p)))$; use $n = 2$, and $p = 4$

60) $m \times \frac{8}{4} - (6 - q)$; use $m = 2$, and $q = 5$

Assignment

Date _____ Period _____

Evaluate each using the values given.

1) $y(x - (x - z)) - z$; use $x = 5$, $y = 4$, and $z = 2$

6

2) $x + \frac{z}{4} - \frac{x}{5}$; use $x = 5$, and $z = 4$

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

3

4) $q + q(p + p - 1)$; use $p = 2$, and $q = 6$

24

5) $p - 2 - (4 - (m - n))$; use $m = 5$, $n = 1$, and $p = 6$

4

6) $h(k - (j + h - j))$; use $h = 2$, $j = 4$, and $k = 4$

4

7) $z^2 + y + y + z$; use $y = 1$, and $z = 5$

32

8) $y + (5 - z)(z + y)$; use $y = 6$, and $z = 3$

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9) $1 - j + hk - h$; use $h = 6$, $j = 1$, and $k = 6$

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10) $b(b - (c^2 - b))$; use $b = 6$, and $c = 3$

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11) $m + m - \frac{m - p}{3}$; use $m = 6$, and $p = 3$

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12) $2 - \frac{6}{6} + c - a$; use $a = 1$, and $c = 5$

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13) $3q + p(3 - 3)$; use $p = 4$, and $q = 3$

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14) $k - (4 - (k + h + j))$; use $h = 1$, $j = 2$, and $k = 1$

1

15) $zx - (x - y) - z$; use $x = 2$, $y = 1$, and $z = 2$

1

16) $(m + 4)(m - (n - m))$; use $m = 5$, and $n = 5$

45

17) $2a^2b^2$; use $a = 2$, and $b = 2$

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18) $q + p + q - 1 - 3$; use $p = 5$, and $q = 1$

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19) $2(z + y)(x - y)$; use $x = 5$, $y = 2$, and $z = 2$

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20) $p(p(5 - 2) - r)$; use $p = 4$, and $r = 5$

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21) $(z - z)^3 + y + x$; use $x = 6$, $y = 5$, and $z = 1$

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22) $c + a - a(c - c)$; use $a = 4$, and $c = 5$

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23) $\frac{5j(k-3)}{6}$; use $j = 4$, and $k = 6$

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24) $5 + q - (1 + r^2)$; use $q = 2$, and $r = 2$

2

25) $k + 4 - j - (k - 1)$; use $j = 3$, and $k = 4$

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26) $z + 6 - y + \frac{y}{4}$; use $y = 4$, and $z = 6$

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27) $p + m + n - m - m$; use $m = 3$, $n = 6$, and $p = 1$

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28) $y + \frac{z^2x}{6}$; use $x = 4$, $y = 4$, and $z = 6$

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29) $x(z + y) - x^2$; use $x = 6$, $y = 5$, and $z = 3$

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30) $y + x - (y + z - z)$; use $x = 2$, $y = 4$, and $z = 5$

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31) $p\left(r + q + r - \frac{q}{4}\right)$; use $p = 6$, $q = 4$, and $r = 3$

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32) $p + 4 + 4 + p + q + m$; use $m = 4$, $p = 6$, and $q = 4$

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33) $6 + n + \frac{mp}{6} - m$; use $m = 2$, $n = 1$, and $p = 6$

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34) $b - (b - b) + \left(\frac{a}{6}\right)^3$; use $a = 6$, and $b = 4$

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35) $\frac{4}{4} + y - (x - (z - z))$; use $x = 5$, $y = 5$, and $z = 5$

1

36) $6 + 4y(z + z - z)$; use $y = 2$, and $z = 2$

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37) $6p^2 - p - q - p$; use $p = 3$, and $q = 1$

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

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39) $c - \left(a - \frac{a}{5} - \frac{b}{5}\right)$; use $a = 5$, $b = 5$, and $c = 4$

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40) $p(q - 1) - \frac{6 - p}{2}$; use $p = 4$, and $q = 3$

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41) $6 - z + z + y + x + y$; use $x = 5$, $y = 6$, and $z = 1$

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42) $3 - \left(1 - \left(\frac{a}{5} + 6 - c\right)\right)$; use $a = 5$, and $c = 6$

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43) $3 - (z - (z + 3)(y - y))$; use $y = 1$, and $z = 2$

1

44) $y + (1^2)^2 + x + y$; use $x = 1$, and $y = 6$

14

45) $z - \left(x + y - \left(\frac{2}{2}\right)^2\right)$; use $x = 2$, $y = 3$, and $z = 6$

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46) $h(6 + k) - (j + h) - h$; use $h = 4$, $j = 4$, and $k = 1$

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49) $q + (m + q)(15 - p)$; use $m = 1$, $p = 1$, and $q = 1$

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50) $y + 6(x + x - (z + 6))$; use $x = 5$, $y = 2$, and $z = 1$

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51) $x - \frac{y - y}{6} \times y^3$; use $x = 4$, and $y = 4$

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52) $\frac{6}{6} + x - \left(y + \frac{y}{4}\right)$; use $x = 6$, and $y = 4$

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53) $z(z - (y + x - (x + 4)))$; use $x = 4$, $y = 5$, and $z = 4$

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55) $\frac{x}{2} + x + z(x + y)$; use $x = 2$, $y = 5$, and $z = 5$

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56) $\left(6 - \left(q - \frac{5}{5}\right)\right)(p + 4)$; use $p = 4$, and $q = 4$

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57) $6 + y - x + 5 - y + z$; use $x = 4$, $y = 5$, and $z = 3$

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58) $p - ((p - 1)(r - r) + 2)$; use $p = 3$, and $r = 6$

1

59) $p - (6 - n - (n - (p - p)))$; use $n = 2$, and $p = 4$

2

60) $m \times \frac{8}{4} - (6 - q)$; use $m = 2$, and $q = 5$

3