HW 3

Why Did the Football Coach Send in His Second String?

For each set of exercises, there is one extra answer. Write the letter of this answer in each box containing the number of that set.

10	3	10	5	8	7	1	10	4	8	9	2	6	8

1. Find the sum.

a. $4 + (-5) + 6$

b. $-1 + (-8) + 3$

c. $-9 + 4 + (-9)$

d. $-12 + (-6) + (-2)$

(K) -6 (P) -18 (C) 5 (Y) -20 (F) -14

2. Find the sum.

a. $7 + (-9) + (-3)$

b. $-15 + (-10) + (-4)$

c. $-6 + 20 + 8$

d. $11 + (-14) + 3$

(J) 22 (H) -5 (V) 0 (D) -29 (A) 20

3. Find the sum.

a. $-13 + 2 + (-5)$

b. $16 + 16 + (-7)$

c. $-4 + (-8) + (-3)$

d. $-6 + (-15) + 40$

(B) -15 (M) 25 (O) -18 (U) 19 (T) -16

4. Find the sum.

a. $-2 + (-9) + (-4) + 18$

b. $23 + (-7) + (-3) + 5$

c. $-11 + 6 + (-11) + 2$

d. $-1 + 4 + 8 + (-17)$

(E) -6 (G) 3 (R) 18 (H) -15 (K) -14

5. Find the sum.

a. $3 + (-8) + 13 + 4$

b. $-9 + (-6) + 30 + (-2)$

c. $12 + (-7) + 5 + (-15)$

d. $98 + 98 + (-99) + (-99)$

(L) 13 (I) -3 (F) -2 (W) 12 (B) -5

6. Simplify.

a. $3n + 6n + 2$

b. $-2n + 7n + 4$

c. $6 + (-8n) + (-5n)$

d. $-n + (-9) + 10n$

(M) $9n + 6$ (N) $9n + 2$ (T) $-13n + 6$ (R) $9n + (-9)$ (D) $5n + 4$

7. Simplify.

a. $2x + (-4x) + (-6x)$

b. $-7x + (-3x) + (-x)$

c. $8 + (-9x) + 19x$

d. $-4 + (-8x) + 12$

(L) $-8x + 8$ (E) $-11x$ (U) $-13x$ (S) $-8x$ (Y) $10x + 8$

8. Simplify.

a. $6a + 5 + a + 9$

b. $-8a + 8 + 2a + (-3)$

c. $7a + 16 + (-4a) + (-4a)$

d. $3a + (-6) + (-1) + (-9a)$

(T) $7a + 14$ (N) $-6a + (-7)$ (S) $-a + 16$ (D) $-6a + 5$ (E) $-6a + 16$

9. Evaluate if $k = -4$, $p = 7$, $q = -8$.

a. $k + p + q$

b. $-p + q$

c. $10 + (-k) + (-q)$

d. $p + 4 + (-p) + (-13)$

(N) -15 (G) 16 (F) -9 (L) -5 (C) 22

10. Solve mentally.

a. $n + 3 = 8$

b. $n + 3 = -8$

c. $n + (-3) = -8$

d. $-3 + n = 8$

(N) -5 (W) 5 (D) 11 (T) 8 (S) -11

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