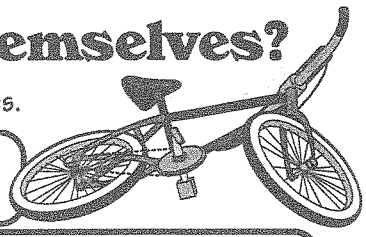
HW 5

Why Can't Bicycles Stand Up By Themselves?

Write the letter of each extra answer in boxes containing the number of that set of exercises.



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

1. Simplify.

a. $-7 + (-7)$

b. $-4 - 4$

c. $9 + (-2) - 2$

d. $-12 - (-5)$

(P) -8
(W) 16
(G) -7
(B) -14
(Y) 5

2. Simplify.

a. $6 - 10 + 1$

b. $-11 + 3 + 20$

c. $8 + (-15) + (-15)$

d. $7 - (-1) + 18$

(E) -22
(J) -3
(T) 26
(H) -24
(C) 12

3. Simplify.

a. $-3 - (-8) + 6$

b. $5 - 14 + (-2)$

c. $-6 - 6 + 20$

d. $1 - 4 - (-9)$

(I) -14
(V) 8
(K) -11
(G) 6
(M) 11

4. Simplify.

a. $8 - (2 + 7)$

b. $8 - (2 - 7)$

c. $8 - (-2 + 7)$

d. $8 - (-2 - 7)$

(O) 13
(L) 17
(A) -1
(U) 3
(E) -13

5. Simplify.

a. $(-1 + 10) - (11 - 5)$

b. $(-1 - 10) - (-11 - 5)$

c. $(-9 + 4) + (2 - 15)$

d. $(-40 + 70) + (-3 - 6)$

(N) 3
(R) -18
(D) -15
(T) 21
(S) 5

6. Simplify.

a. $-2m + 9m + 8$

b. $m - 5 - (-12m)$

c. $-m - 6m$

d. $8 - m - 6m$

(B) $13m - 5$
(J) $7m + 8$
(F) $-7m + 8$
(A) $5m + 8$
(Y) $-7m$

7. Simplify.

a. $3y + 8 - 7y - 1$

b. $-4y - 15 - 2y + 2$

c. $-19 + 9y - y + 6$

d. $11 - 5y - 2 + 11y$

(O) $6y - 7$
(R) $8y - 13$
(U) $-4y + 7$
(L) $-6y - 13$
(C) $6y + 9$

8. Simplify.

a. $6u - (-3u) + 4 - 15$

b. $-1 - 2u - 9 - (-5u)$

c. $7u + 25 + (-10u) - 16$

d. $-u - 6 - (-4u) + (-1)$

(N) $3u - 7$
(T) $9u - 11$
(Y) $3u + 11$
(S) $-3u + 9$
(G) $3u - 10$

9. Evaluate if $p = -7$, $q = -2$.

a. $p + q$

b. $p - q$

c. $q - p$

d. $-p - q$

(M) -5
(R) 14
(N) -9
(Y) 9
(P) 5

10. Evaluate if $x = -3$, $y = 10$.

a. $x + y - 8$

b. $-x - y$

c. $y - (-x)$

d. $-x - (-y)$

(S) -7
(C) 13
(B) -1
(T) -13
(L) 7

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