CRYPTIC QUIZ

1. Why does Beethoven now spend all his time erasing music?

$$\overline{16} \;\; \overline{6} \;\; \overline{-4} \;\; \overline{10} \;\; \overline{-3} \;\; \overline{6} \;\; \overline{-9} \;\; \overline{7} \;\; \overline{20} \;\; \overline{-5} \;\; \overline{7} \;\; \overline{10} \;\; \overline{-4} \;\; \overline{3} \;\; \overline{21}$$

2. What is it called when a sea bird lands on a channel marker?

$$\overline{-36} \;\; \overline{9} \;\; \overline{7} \;\; \overline{-8} \;\; \overline{20} \;\; \overline{6} \;\; \overline{6} \;\; \overline{-2} \;\; \overline{10} \;\; \overline{21} \;\; \overline{9} \;\; \overline{11} \;\; \overline{11}$$

3. How does a tree feel after a hard day at work?

$$\overline{-36} \;\; \overline{9} \;\; \overline{10} \;\; \overline{16} \;\; \overline{6} \;\; \overline{-3}$$

TO DECODE THE ANSWERS TO THESE QUESTIONS:

Solve each equation below and find your answer in the code. Each time the solution appears, write the letter of that exercise above it.

(O) $8u = 3u + 35$

(N) $7y = 33 - 4y$

(E) $2x + 48 = 10x$

(T) $5t - 26 = 18t$

(I) $k = 8k + 28$

(G) $-30n = -27n - 63$

(H) $4x + 4 = 2x + 36$

(D) $9y - 1 = y - 25$

(P) $14p - 8 = 22 + 20p$

(L) $z + 81 = 9z - 7$

(Y) $39 - 12w = 7 - 16w$

(C) $-15v - 40 = 23 - 8v$

(M) $63 - x = 2x + 3$

(U) $3n + 46 = 1 + 8n$

(B) $12r - 18 = 13r + 18$

(S) $-x - 1 = x - 21$

OBJECTIVE 4–n: To solve equations having the variable in both sides.