Ma 9
8.0
* Show all work on separate sheet.

CRYPTIC QUIZ

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

16	6	−4	10	−3	6	−9	7	20	−5	7	10	−4	3	21

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

−36	9	7	−8	20	6	6	−2	10	21	9	11	11

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

−36	9	10	16	6	−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) $-x - 1 = x - 21$

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Why Do Girls Like Guys Who Wear Shirts With Eight Buttons?

Solve each equation below and find your solution at the bottom of the page.
Write the letter of that equation above the solution.

(E) $4(5n - 7) = 10n + 2$

(N) $9(x + 3) = 4x - 3$

(A) $2(12 - 8x) = x - 11x$

(H) $3t + 8(2t - 6) = 2 + 14t$

(E) $2v + 18 = 16 - 4(v + 7)$

(I) $4x - (9 - 3x) = 8x - 1$

(T) $12(3 + y) = 5(2y + 8)$

(A) $-7(1 - 4m) = 13(2m - 3)$

(Y) $9(11 - k) = 3(3k - 9)$

(S) $4x + 5(7x - 3) = 9(x - 5)$

(T) $2(6d + 3) = 18 - 3(16 - 3d)$

(F) $8(4u - 1) - 12u = 11(2u - 6)$

(C) $-5 - (15y - 1) = 2(7y - 16) - y$

2	10	3	7	9	29	4	−1	1	−8	−6	−16	−12	−5

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