FMP 10
Show all work on seperate (attached) sheet.

Warm Up #2

BOOKS NEVER WRITTEN

The Break-in by

___	___	___	___	___	___	___	___	___	___
10	−13	−7	−7	−25	8	72	6	5	−4

Origin of Man by

___	___	___	___	___	___	___	___	___
−1	−11	−2	72	17	−6	25	17	12

Making Soap by

___	___	___	___	___	___	___	___	___
−9	25	−13	72	−8	25	−2	12	−6

ABOVE ARE THE TITLES OF THREE "BOOKS NEVER WRITTEN."
TO DECODE THE NAMES OF THEIR AUTHORS:

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

(O) $4y - 9 = 15$

(A) $6x + 7 = -5$

(S) $-9t + 2 = 56$

(P) $-69 = 7v - 6$

(Y) $35 = -2x - 15$

(I) $4 - 3n = 43$

(N) $12 - 5u = -48$

(C) $-27 + 20w = 73$

(E) $13 = 5 - 8m$

(K) $11r + 60 = 16$

(U) $y - 24 = -7$

(J) $23 - x = 13$

(V) $-67 = 6x - 1$

(M) $-4e - 9 = 19$

(D) $-8 = 32 - 5q$

(H) $6 + 10k = 256$

(T) $-100 = 12t - 4$

(L) $36 - x = -36$

OBJECTIVE 4–g: To solve equations of the form $ax + b = c$, where a is an integer (solutions are integers).

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) $-x - 1 = x - 21$