What Is The Title Of This Picture?

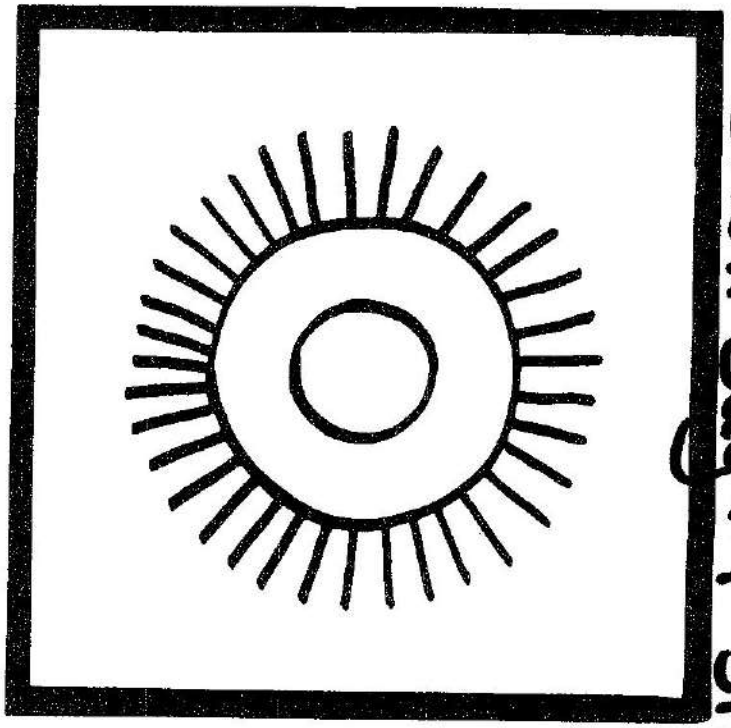
$^{-}9\ 10\ ^{-}25\ ^{-}9\ \ 8\ \ ^{-}3\ ^{-}4\ ^{-}25\ \ ^{-}9\ ^{-}1\ \ 7\ \ \ 1\ \ 10\ ^{-}14\ ^{-}1\ \ 6\ \ ^{-}1$

$8\ \ 7\ \ 6\ \ ^{-}1\ ^{-}25\ \ ^{-}4\ \ ^{-}12\ ^{-}1\ ^{-}4\ ^{-}9\ \ 2$

$8\ \ 5\ \ ^{-}12\ ^{-}25\ ^{-}1\ ^{-}3\ ^{-}3\ ^{-}4$

TO DECODE THE TITLE OF THIS PICTURE:

Solve any equation below and find the solution in the coded title. Each time it appears, write the letter of the exercise above it. Keep working and you will decode the title.



Show Day #1 Show your work.

Ⓓ $4(2n - 5) = 3n + 10$

Ⓛ $2(4x + 7) = 2x - 4$

Ⓝ $8(k + 3) = 12k - 4$

Ⓗ $^{-}3(5 - 9v) = 25 + 7v$

Ⓐ $6x + 4 = 5(3x + 8)$

Ⓘ $5 - 11t = 7(5 - 2t)$

Ⓑ $^{-}2(18 - 3y) = 7y + 2y$

Ⓜ $2(4a - 12) + 3a = 6a + 1$

Ⓟ $9(2 + w) - 4w = 3w - 10$

Ⓤ $10u + 7 = 8(2u - 4) - 9$

Ⓣ $3(4d + 1) - 9d = 6(2 - d)$

Ⓡ $6(1 + 3m) = {}^{-}8({}^{-}2m + 5) - 4$

Ⓔ $^{-}14 + 3(x + 10) = 7(2x + 4) + x$

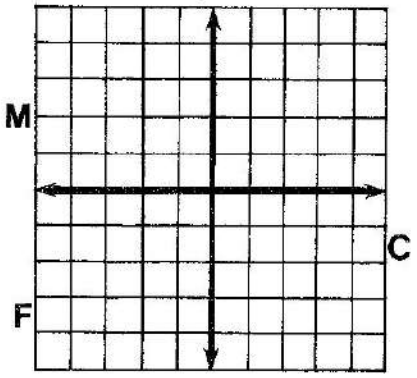
Ⓒ $6p - (5p + 5) = {}^{-}8 - 2(p + 12)$

Snow Day #2 Show your work.

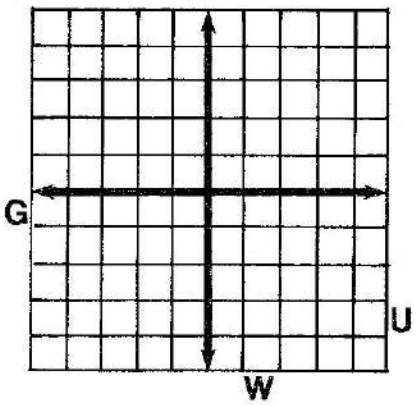
Why Did Miss Muffet Need A Road Map?

Graph any equation below. (Let each space along the axes represent 1 unit.) The graph, if extended, will cross a letter. Look for this letter in the string of letters near the bottom of the page and CROSS IT OUT each time it appears. When you finish, write the letters that have NOT been crossed out in the rectangle at the bottom of the page.

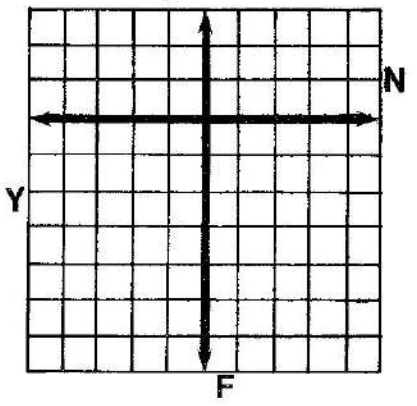
① $2x + 3y = 6$



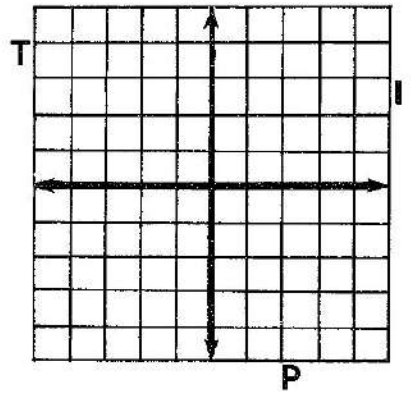
② $^{-}x + 2y = 4$



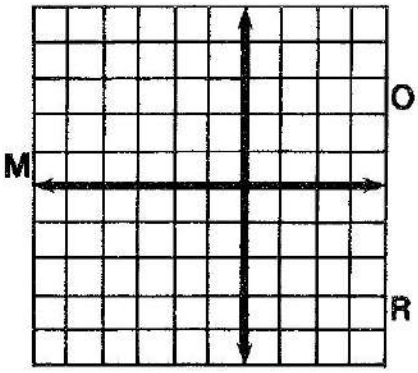
③ $3x + y = {}^{-}6$



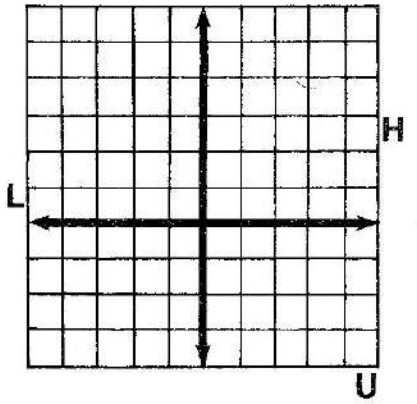
④ $4x - 3y = 12$



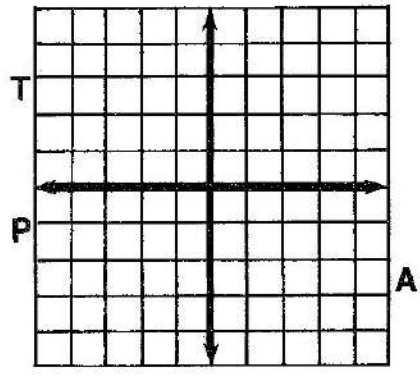
⑤ $^{-}3x - 5y = 15$



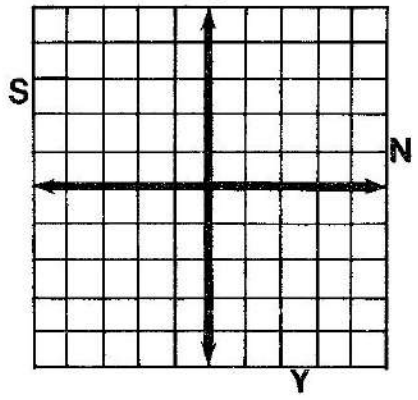
⑥ $2x + y = 5$



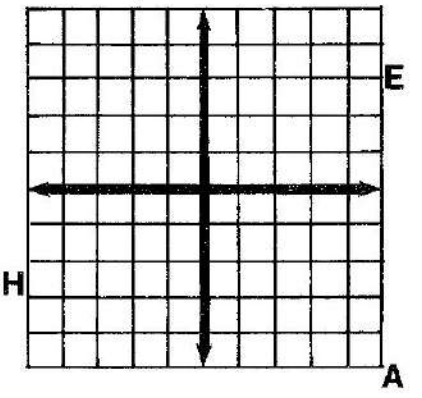
⑦ $x - 2y = {}^{-}3$



⑧ $^{-}3x + 5y = {}^{-}10$



⑨ $x + y = 0$

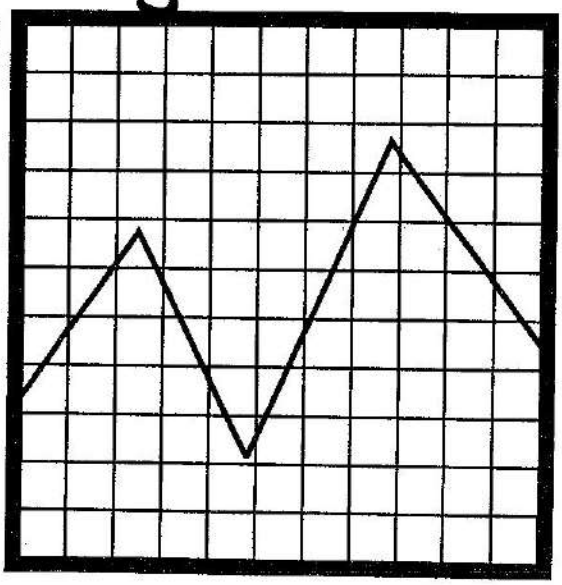


PUSHAPNELAGONFSANTMCHIMEAPCRAWNGIFPHEANIYUN

ANSWER:

Snow Day #3 Show your work.

What Is the Title of This Picture?



Find each solution in the coded title. Each time it appears, write the letter of the exercise above it.

CODED TITLE:

	0	-7	-6	9	58	3	-2	9	13	-5	3	9	-8	27
	-21	-2	27	10	27	4	51	58	-11	-5	-7	-6	-8	-11
	58	27	9	9	-2	5	-17	-5	3	7	-1	27	58	

S $7n + 2 = 4n + 17$

A $8y - 3 = 15 + 2y$

G $5x + 9 = x - 23$

D $-2k + 19 = 3k - 1$

I $7 - 6u = 5u + 29$

O $9m = 4m - 35$

C $5(x + 2) = 3(x + 8)$

W $6(t - 1) = 9(t - 4)$

U $q + 14 = 8(q + 7)$

H $10 - d = -34 - 5d$

V $8v + 1 = 7v - 20$

E $4(w - 6) = 3(w + 1)$

K $11p + 16 = 2p + 7$

M $10b - 45 = 3(b - 15)$

T $12(y + 5) = 13y + 2$

R Nine more than four times a number is the same as one less than twice the number. Find the number.

N Eighty, decreased by three times a number, is the same as five times the number, increased by eight. Find the number.

Snow Day #4 Show your work.

Did you hear about...

A	B	C	D	E
F	G	H	I	J
K	L	M	N	O ?

DIRECTIONS:

Solve any inequality below. In the answer column, find the inequality that describes the solution set and notice the word next to it. Write this word in the box that has the same letter as that exercise.

KEEP WORKING AND YOU WILL HEAR ABOUT A COLLEGE EYE DEAL.

Ⓐ $2(3x - 5) > 2x + 6$

Ⓑ $8(2 + x) \leq 3x - 9$

Ⓒ $^{-}3(4x - 6) < 7 - x$

Ⓓ $13x - 7(^{-}2 + x) \geq 4x - 10$

Ⓔ $5(^{-}3x - 1) + 7 \leq ^{-}x + 30$

Ⓕ $12 + 5x > 2(8x - 6) - 7x$

Ⓖ $9x - 2x \geq 14 - 9(^{-}x - 4)$

Ⓗ $^{-}4(3 - 5x) - 11x < 3x + 6$

Ⓘ $10(x + 2) > ^{-}2(6 - 9x)$

Ⓙ $7(2 + 2x) \geq 4(^{-}x - 10)$

Ⓚ $11 + 3(^{-}8 + 5x) < 16x - 5$

Ⓛ $^{-}6(7x - 1) < ^{-}8x + 9(^{-}3x - 4)$

Ⓜ $^{-}9x + 2(4x + 12) \leq 4(1 - 3x) - 13$

Ⓝ $7(^{-}x + 4) + 16 \geq 5x - (10x - 6) - 6$

Ⓞ $12(2x + 3) - 3(8 + 7x) > 0$

$x < 6$—WHO

$x \leq ^{-}3$—OVER

$x < 4$—HAVE

$x \geq 22$—STUDENTS

$x \leq ^{-}5$—CROSS

$x \geq ^{-}12$—COLLEGE

$x \leq ^{-}2$—EYES

$x > 6$—CONTROL

$x > 4$—THE

$x < 1$—KNOW

$x < 3$—TO

$x \leq 22$—HIS

$x \geq ^{-}2$—PROFESSOR

$x \leq ^{-}25$—SEEMED

$x \geq ^{-}3$—ABSOLUTELY

$x \geq ^{-}25$—SUBJECT

$x > ^{-}8$—NO

$x > 1$—EYED

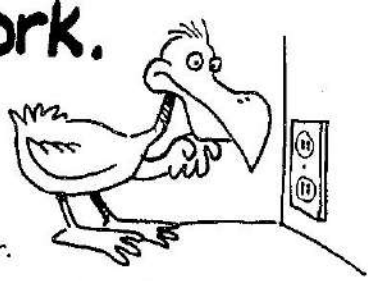
$x < ^{-}8$—HELP

$x > ^{-}4$—PUPILS

$x < ^{-}4$—TEACH

Snow Day #5 Show your work.

What Happened to the Pelican Who Stuck His Head Into a Wall Socket?



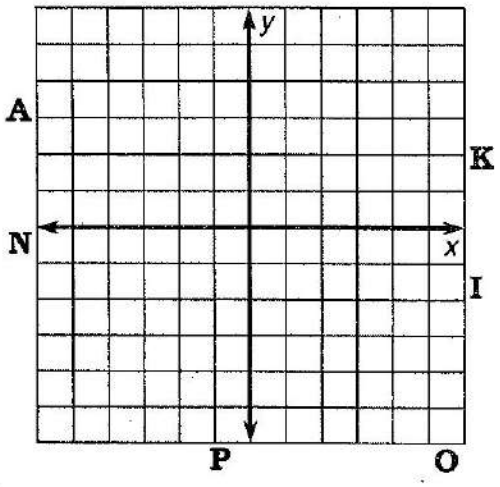
Graph each equation on the grid to its right. The graph will cross a letter outside the grid. Write this letter in each box containing the exercise number.

1 $-2x + 5y = 10$

2 $2x - 5y = 20$

3 $4x + 3y = 3$

4 $-8x - 6y = 30$

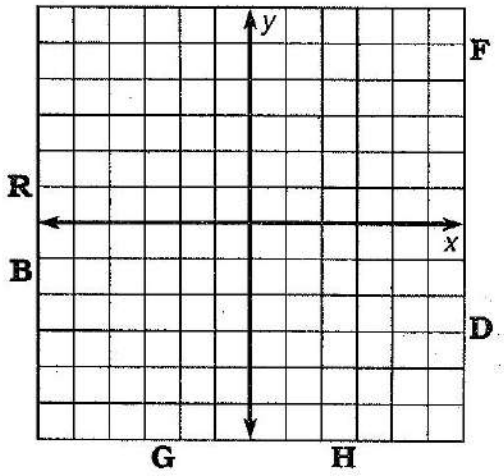


5 $x - 6y = -12$

6 $15x + 5y = 10$

7 $8x + 20y = -80$

8 $9x - 9y = 36$

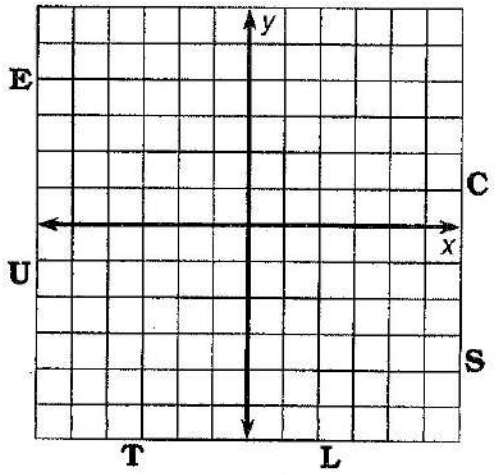


9 $2x - 3y - 9 = 0$

10 $3x + 2y + 6 = 0$

11 $2x - y = 0$

12 $y = 4$



6	12	8	3	11	4	1	12	10	12	9	11	5	2	9	7	2	10	10

*

** It was revolting!*