

# Did you hear about...

A	B	C	D
E	F	G	H ?

DIRECTIONS: Solve any system of equations below by graphing. Find the solution in the answer column 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 SOME UDDER NONSENSE!

Ⓐ  $2x + y = 5$   
 $x - y = 4$

Ⓔ  $3x + y = -5$   
 $x - 2y = 3$

Ⓑ  $3x + 2y = 12$   
 $2x + y = 7$

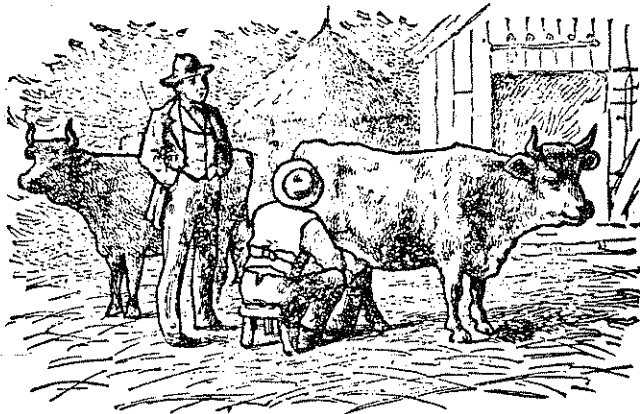
Ⓕ  $-2x - y = 2$   
 $x - y = 5$

Ⓒ  $-2x + y = 5$   
 $x - y = -3$

Ⓖ  $2x + y = -4$   
 $x - 2y = -7$

Ⓓ  $x + 3y = 4$   
 $2x - y = 8$

Ⓗ  $x + 3y = 7$   
 $-x + y = -3$



(3,4)—BEEF

(-3,3)—UDDER

(2,3)—OLD

(-3,2)—THE

(2,5)—GROUND

(-2,4)—HER

(-1,-2)—FINALLY

(0,1)—STOPPED

(-2,1)—COW

(3,-1)—THE

(-1,0)—MADE

(1,-4)—KICKED

(4,0)—WHO

(-1,-5)—MOO

(4,-2)—FARMER

(4,1)—BUCKET

(1,1)—MILK

# Why Didn't The Circus Managers Want Their Human Cannonball To Quit?

For any exercise below, solve the equation for  $y$  in terms of  $x$ . Find your answer in the answer columns and notice the number to the left of it. Each time this number appears in the code, write the letter of that exercise above it. Keep working and you will discover the answer to the title question.

Ⓕ  $x + y = 2$

Ⓕ  $-2x + y = 5$

Ⓐ  $5x + y = -1$

Ⓚ  $-3x + y = -4$

Ⓙ  $x - y = 6$

Ⓔ  $-4x - y = 3$

Ⓔ  $2x - y = -2$

Ⓚ  $x + 2y = 0$

Ⓓ  $x + 2y = 5$

Ⓡ  $-3x + 2y = 0$

Ⓥ  $-3x + 2y = 4$

Ⓞ  $6x + 3y = 1$

Ⓜ  $5x - 2y = 0$

Ⓜ  $4x - 2y = 3$

Ⓑ  $-3x - 5y = 10$

Ⓛ  $x + 4y = -2$

Ⓝ  $-6x - 2y = 5$

Ⓒ  $x - 3y = -4$

## ANSWERS

①  $y = -\frac{x}{2}$

②  $y = -\frac{3}{5}x - 2$

③  $y = 3x - 4$

④  $y = \frac{x}{3} + \frac{4}{3}$

⑤  $y = \frac{3}{2}x + 2$

⑥  $y = -x + 2$

⑦  $y = \frac{5}{2}x$

⑧  $y = 2x + 2$

⑨  $y = -\frac{x}{2} + \frac{5}{2}$

⑩  $y = -5x - 1$

⑪  $y = -3x - \frac{5}{2}$

⑫  $y = x - 6$

⑬  $y = \frac{3}{2}x$

⑭  $y = -\frac{x}{4} - \frac{1}{2}$

⑮  $y = 2x + 5$

⑯  $y = -2x + \frac{1}{3}$

⑰  $y = 2x - \frac{3}{2}$

⑱  $y = -4x - 3$

## CODED ANSWER:

12-17-18-1-4-16-3-6-9-11-18-5-18-13-15-14-11-9

10-11-16-12-17-18-13-7-10-11-16-15-17-14-8

4-10-6-14-2-13-18