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.

(L) $x + y = 2$

(F) $^-2x + y = 5$

(A) $5x + y = {}^-1$

(U) $^-3x + y = {}^-4$

(T) $x - y = 6$

(E) $^-4x - y = 3$

(S) $2x - y = {}^-2$

(Y) $x + 2y = 0$

(D) $x + 2y = 5$

(R) $^-3x + 2y = 0$

(V) $^-3x + 2y = 4$

(O) $6x + 3y = 1$

(M) $5x - 2y = 0$

(H) $4x - 2y = 3$

(B) $^-3x - 5y = 10$

(I) $x + 4y = {}^-2$

(N) $^-6x - 2y = 5$

(C) $x - 3y = {}^-4$

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