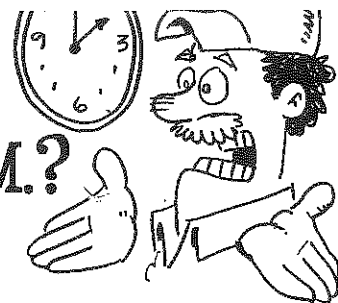# What Did the Electrician Say To His Daughter When She Came Home at 2 A.M.?

Write each equation in slope-intercept form, then find your answer in the rectangle below. Write the letter of the answer in the box containing the exercise number.

1. $-6x + 3y = -9$

2. $5x - y = 1$

3. $2y - 3x = 10$

4. $2y + x = 14$

5. $x - 4y - 8 = 0$

6. $3y + 18 = -8x + 3$

7. $9x - 2y = 7$

8. $x + 5y = 8x - 20$

9. $-2(3y - 1) - x = 0$

Answers 1-9

(F) $y = \frac{3}{2}x - 4$ (Y) $y = -\frac{1}{2}x + 7$ (I) $y = \frac{9}{2}x - \frac{7}{2}$ (U) $y = 2x - 3$

(U) $y = -\frac{8}{3}x - 5$ (I) $y = 5x - 1$ (B) $y = -\frac{8}{3}x + 7$ (N) $y = -\frac{1}{6}x + \frac{1}{3}$

(E) $y = \frac{7}{5}x - 4$ (K) $y = \frac{1}{4}x + 5$ (A) $y = \frac{3}{2}x + 5$ (E) $y = \frac{1}{4}x - 2$

Write each equation in slope-intercept form, then use the slope and y-intercept to graph it. The graph will cross a letter outside the grid. Write this letter in the box containing the exercise number.
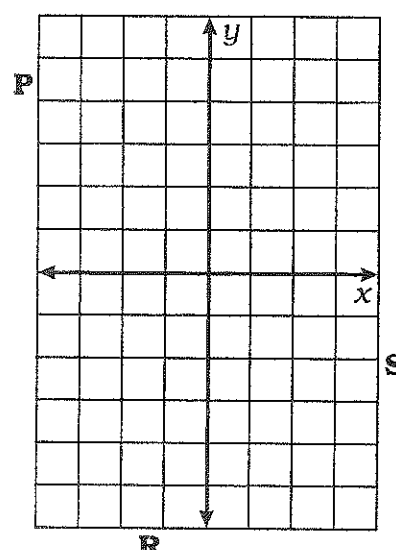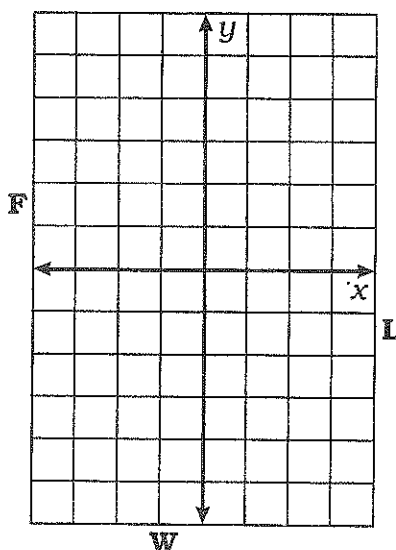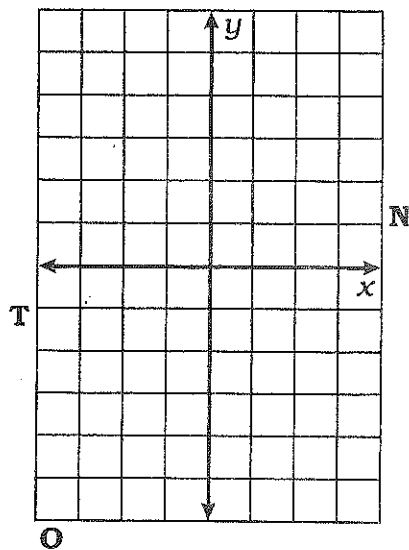
10. $2x - y = -1$

12. $4y + 20 = 5x$

14. $7x - 1 = 3y + 8$

11. $3y + 2x + 12 = 0$

13. $3(x - 1) = 2x - y$

15. $9x + 18y = 0$

12	2	14	5	4	10	1	7	9	15	6	13	3	11	8