

Day 46

Review 6.1-6.4

p. 320 (22-27)

22) $m = -\frac{2}{3}$
 $b = 1$

$$y = -\frac{2}{3}x + 1$$

23) $m = \frac{3}{4}$
 $b = 2$

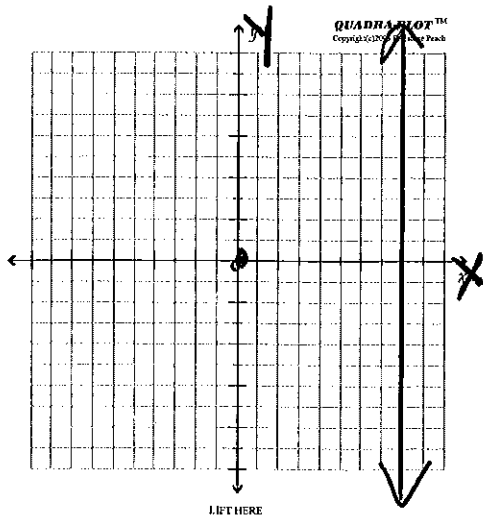
$$y = \frac{3}{4}x + 2$$

25) $m = \frac{2}{4} = \frac{1}{2}$
 $b = .5$

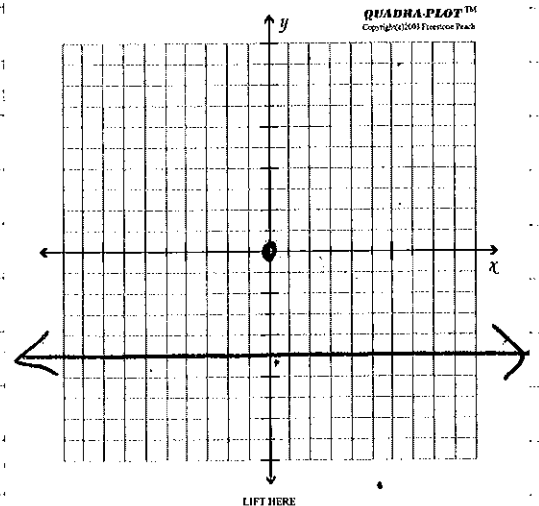
$$y = \frac{1}{2}x + \frac{1}{2}$$

26) $m = -\frac{1}{3}$
 $b = 3$

$$y = -\frac{1}{3}x + 3$$

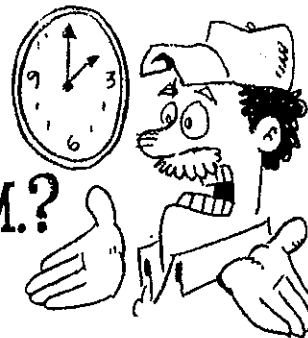


$m = \text{undefined}$
 $b = \text{none}$
 $x = 8$



$m = 0$
 $b = -5$
 $y = 0x - 5$
 $y = -5$

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

ⓕ $y = \frac{3}{2}x - 4$ Ⓨ $y = -\frac{1}{2}x + 7$ Ⓡ $y = \frac{9}{2}x - \frac{7}{2}$ Ⓢ $y = 2x - 3$

Ⓤ $y = -\frac{8}{3}x - 5$ Ⓡ $y = 5x - 1$ ⓑ $y = -\frac{8}{3}x + 7$ Ⓝ $y = -\frac{1}{6}x + \frac{1}{3}$

ⓔ $y = \frac{7}{5}x - 4$ Ⓚ $y = \frac{1}{4}x + 5$ ⓐ $y = \frac{3}{2}x + 5$ Ⓟ $y = \frac{1}{4}x - 2$

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. $2x - y = -1$

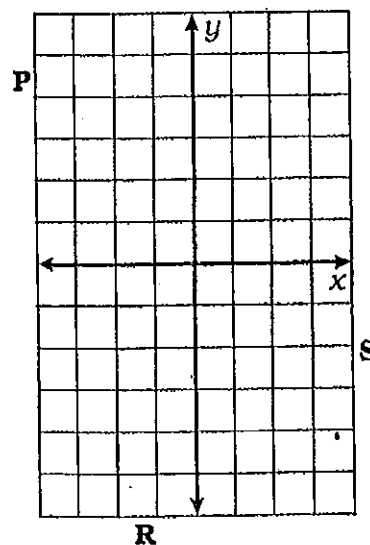
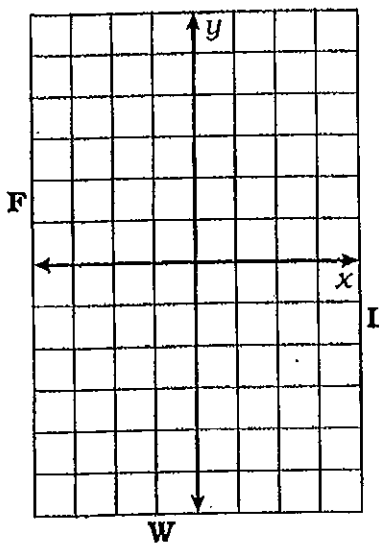
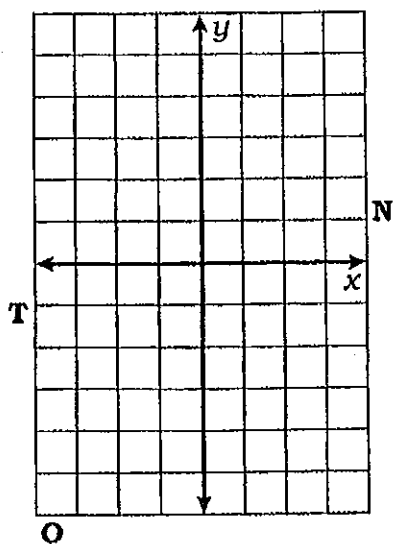
12. $4y + 20 = 5x$

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
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