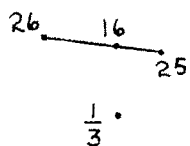


## SLOPE AND INTERCEPTS



21.  $\frac{7}{3}$       2      24  
 4      29       $-\frac{13}{5}$       -1      -2  
         10      14  
 9      28      20  
         27  
 12      6      19

17. 1       $\frac{1}{4}$       11       $-\frac{2}{7}$       3  
 -27      22      13      8  
 7.      9      23  
         15  
 5      37       $-\frac{5}{3}$

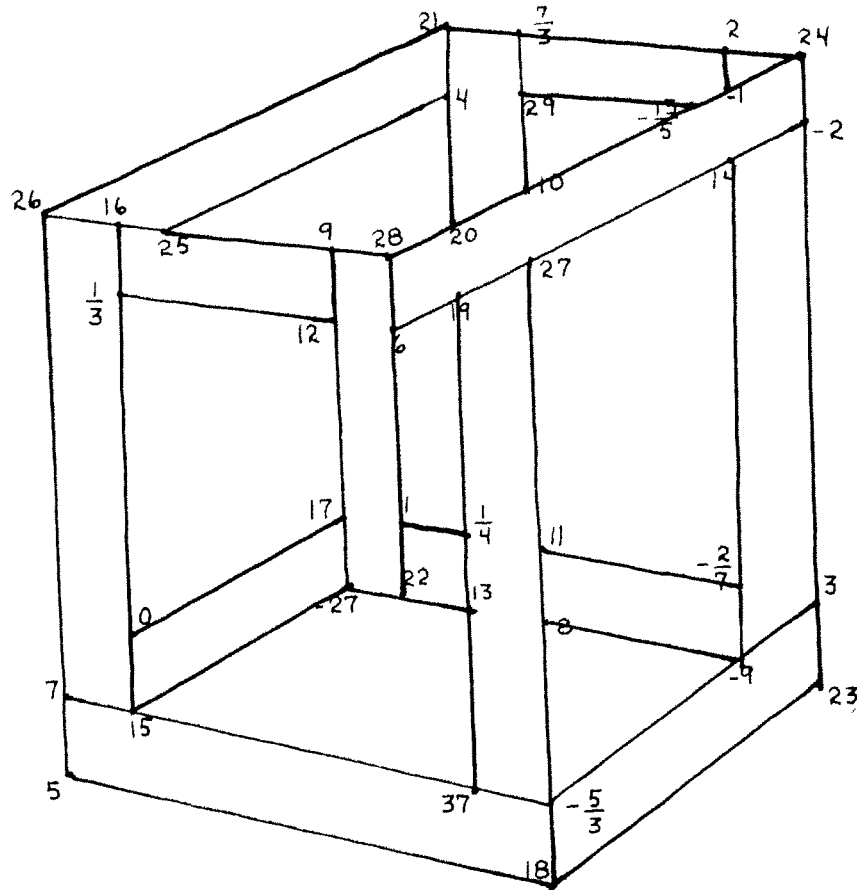
18.

In the following problems  $m$  = slope,  $x_i$  = x intercept, and  $y_i$  = y intercept. Connect each problem number with its answer.

- |                             |               |                         |               |
|-----------------------------|---------------|-------------------------|---------------|
| 1. $y = \frac{x}{4} + 2$    | m = _____     | 16. $15x - y = 3$       | m = _____     |
| 2. $y = 3 - x$              | m = _____     | 17. $y = 5$             | m = _____     |
| 3. $5x + 3y = 7$            | m = _____     | 18. $y = 5$             | $y_i$ = _____ |
| 4. $y = 2x + 25$            | $y_i$ = _____ | 19. $x = 37$            | $x_i$ = _____ |
| 5. $y = \frac{1}{2}x - 13$  | $x_i$ = _____ | 20. $y = 3x + 21$       | $y_i$ = _____ |
| 6. $2x + y = 7$             | m = _____     | 21. $x = 3y + 24$       | $x_i$ = _____ |
| 7. $5x = -3y + 2$           | m = _____     | 22. $3x + 2y = 56$      | $y_i$ = _____ |
| 8. $y = \frac{7}{3}x + 21$  | $x_i$ = _____ | 23. $3x + 2y = 36$      | $y_i$ = _____ |
| 9. $y = \frac{7}{3}x - 27$  | $y_i$ = _____ | 24. $x + y = 23$        | $x_i$ = _____ |
| 10. $y = \frac{7}{3}x - 30$ | m = _____     | 25. $x = \frac{1}{28}y$ | m = _____     |
| 11. $2x + 7y = 3$           | m = _____     | 26. $x = \frac{1}{21}y$ | m = _____     |
| 12. $x + 3y = 2x - 7$       | m = _____     | 27. $y = 18x$           | m = _____     |
| 13. $x + y = -27$           | $x_i$ = _____ | 28. $2y = 48x$          | m = _____     |
| 14. $x + y = -9$            | $y_i$ = _____ | 29. $13x + 5y = 1$      | m = _____     |
| 15. $x + y = -27$           | $y_i$ = _____ |                         |               |

Key

SLOPE AND INTERCEPTS



In the following problems  $m$  = slope,  $x_i$  = x intercept, and  $y_i$  = y intercept. Connect each problem number with its answer.

- |                             |                    |                         |                     |
|-----------------------------|--------------------|-------------------------|---------------------|
| 1. $y = \frac{x}{4} + 2$    | $m = \frac{1}{4}$  | 16. $15x - y = 3$       | $m = \frac{15}{1}$  |
| 2. $y = 3 - x$              | $m = -1$           | 17. $y = 5$             | $m = 0$             |
| 3. $5x + 3y = 7$            | $m = -\frac{5}{3}$ | 18. $y = 5$             | $y_i = 5$           |
| 4. $y = 2x + 25$            | $y_i = 25$         | 19. $x = 37$            | $x_i = 37$          |
| 5. $y = \frac{1}{2}x - 13$  | $x_i = 26$         | 20. $y = 3x + 21$       | $y_i = 21$          |
| 6. $2x + y = 7$             | $m = -2$           | 21. $x = 3y + 24$       | $x_i = 24$          |
| 7. $5x = -3y + 2$           | $m = -\frac{5}{3}$ | 22. $3x + 2y = 56$      | $y_i = 28$          |
| 8. $y = \frac{7}{3}x + 21$  | $x_i = -9$         | 23. $3x + 2y = 36$      | $y_i = 18$          |
| 9. $y = \frac{7}{3}x - 27$  | $y_i = -27$        | 24. $x + y = 23$        | $x_i = 23$          |
| 10. $y = \frac{2}{3}x - 30$ | $m = \frac{2}{3}$  | 25. $x = \frac{1}{28}y$ | $m = 28$            |
| 11. $2x + 7y = 3$           | $m = -\frac{2}{7}$ | 26. $x = \frac{1}{21}y$ | $m = 21$            |
| 12. $x + 3y = 2x - 7$       | $m = \frac{1}{3}$  | 27. $y = 18x$           | $m = 18$            |
| 13. $x + y = -27$           | $x_i = -27$        | 28. $2y = 48x$          | $m = 24$            |
| 14. $x + y = -9$            | $y_i = -9$         | 29. $13x + 5y = 1$      | $m = -\frac{13}{5}$ |
| 15. $x + y = -27$           | $y_i = -27$        |                         |                     |