

Slope

Find the slope of the line containing the following points if possible.

- | | | |
|---------------------|----------------------|-----------------------|
| 1. (1,-2) and (3,4) | 2. (3,6) and (5,-2) | 3. (2,3) and (-1,-7) |
| 4. (8,4) and (11,6) | 5. (-6,1) and (2,-5) | 6. (-1,-2) and (1,-9) |
| 7. (-5,2) and (3,7) | 8. (3,-2) and (3,8) | 9. (4,-3) and (-2,-3) |

Find the slope of the lines.

- | | | |
|--|---|--|
| 10. $y = 2x - 5$ | 11. $y = -5x + 11$ | 12. $y = \frac{3}{7}x - 2$ |
| 13. $4x + y = 6$ | 14. $3x - y = 5$ | 15. $11x - y = 17$ |
| 16. $2x + 3y = 6$ | 17. $5x + 4y = 20$ | 18. $3x + 7y = 10$ |
| 19. $2x - 9y = 18$ | 20. $3x - 4y = 12$ | 21. $2x - 5y = 10$ |
| 22. $4x - 8y = 15$ | 23. $5x + 15y = 20$ | 24. $9x - 3y = 12$ |
| 25. $-6x = 5y - 3$ | 26. $8x = 5y - 7$ | 27. $x = 2y - 4$ |
| 28. $\frac{2}{3}x - \frac{3}{4}y = 1$ | 29. $\frac{3}{5}x - \frac{1}{2}y = -\frac{7}{10}$ | 30. $\frac{4}{9}x + \frac{1}{3}y = 2$ |
| 31. $\frac{3y - 4}{2} = \frac{x - 1}{5}$ | 32. $\frac{y - 5}{3} = \frac{x + 2}{4}$ | 33. $\frac{5x - 6}{2} = \frac{y + 3}{7}$ |

Graph the line that contains the given points. Then find the slope using the two points.

- | | | |
|----------------------|------------------------|---------------------|
| 34. (2,-3) and (2,1) | 35. (5,-1) and (-2,-1) | 36. (4,2) and (4,0) |
|----------------------|------------------------|---------------------|

37. The slope of a vertical line is _____.

38. The slope of a horizontal line is equal to _____.

Find the slope of the following lines if possible.

- | | | |
|-------------------|--------------------|-------------------|
| 39. $x = 3$ | 40. $x = -4$ | 41. $y = 7$ |
| 42. $y = -2.5$ | 43. $x = 0$ | 44. $3y = 12$ |
| 45. $2x - 10 = 0$ | 46. $-6y - 18 = 0$ | 47. $2x + 3 = -5$ |

Work Space

Name _____ Date _____ Period _____

Slope

Find each intercept. Do not graph.

1.	2.	3.
4.	5.	6.
7.	8.	9.
10.	11.	12.

Name _____ Date _____ Period _____

Slope

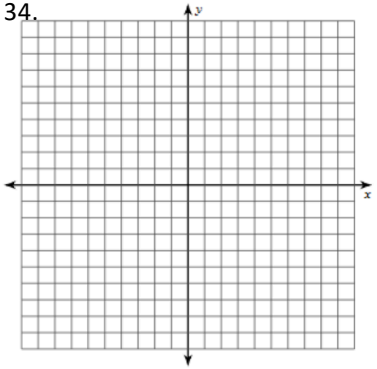
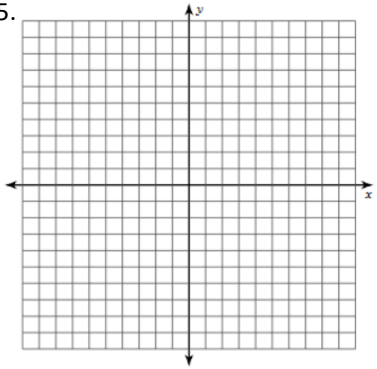
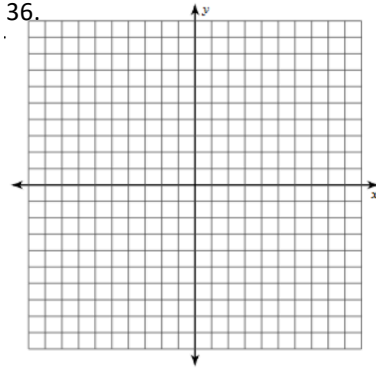
Find each intercept. Do not graph.

13.	14.	15.
16.	17.	18.
19.	20.	21.
22.	23.	24.

Name _____ Date _____ Period _____

Slope

Find each intercept. Do not graph.

25.	26.	27.
28.	29.	30.
31.	32.	33.
34. 	35. 	36. 

Name, date, and period required to receive credit!

Name _____ Date _____ Period _____

Slope

Find each intercept. Do not graph.

37.	38.	39.
40.	41.	42.
43.	44.	45.
46.	47.	48.