School786
AN ONLINE SCHOOL

Name: Due Date: Teacher: Parent Sign:

Questions

1. What is the slope of a line that rises 3 units for every 1 unit it moves to the right?

2. What is the slope when the rise = -2 and the run = 4?

3. If a line falls 5 units while moving right 5 units, what is its slope?

4. What is the slope of a line that rises 0 units as it moves right 6 units?

5. A line rises 2 units for every 3 units to the right. What is the slope?

6. Does a positive slope indicate a line rises or falls as x increases?

7. Does a negative slope indicate a line rises or falls as x increases?

8. If slope = 0, is the line increasing, decreasing, or constant?

9. If slope = 4, does the line go up to the right or down to the right?

10. If slope = -3, does the line go up to the right or down to the right?

11. Which direction does a line with slope $\frac{1}{2}$ go as x increases?

12. Is the slope 7 positive, negative, or zero?

13. Is the slope $-\frac{1}{4}$ positive, negative, or zero?

14. Is the slope 0 positive, negative, or zero?

15. Determine whether the slope of the line through (1, 2) and (3, 6) is positive, negative, or zero.

16. Determine whether the slope of the line through (4, 5) and (7, 2) is positive, negative, or zero.

17. Find the slope of the line through (0, 1) and (2, 5).

18. Find the slope of the line through (-1, 4) and (3, 8).

19. Find the slope of the line through (2, 3) and (5, 6).

20. Find the slope of the line through (-2, 1) and (1, -2).

21. Find the slope of the line through (0, 0) and (4, 2).

22. Find the slope of the line through (3, 7) and (6, 1).

23. Find the slope of the line through (-3, -1) and (0, 5).

24. Find the slope of the line through (5, 5) and (8, 2).

25. What is the slope of the line that goes down 2 units for every 1 unit to the right?

26. If a line falls 6 units over 3 units to the right, what is its slope?

27. Find the slope of the line through (1, 8) and (4, 2).

28. Is the slope of the line through (2, 6) and (5, 3) negative, positive, or zero?

29. Find the slope between the points (2, 4) and (6, 10).

30. Find the slope between (0, 3) and (3, 0).

31. Find the slope between (-2, -3) and (2, 1).

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32. Find the slope between (3, 2) and (7, 6).

33. Find the slope between (1, 1) and (4, 2).

34. Find the slope between (-1, 2) and (2, -1).

35. Find the slope between (5, 2) and (9, 4).

36. Find the slope between (-4, -2) and (0, 2).

37. What is the slope of y = 3x + 1?

38. What is the slope of y = -2x + 4?

39. What is the slope of y = ($\frac{1}{2}$)x - 3?

40. What is the slope of 2x + y = 7?

41. What is the slope of 3y = 6x + 9?

42. What is the slope of x - 4y = 8?

43. Convert 2x + 3y = 6 to slope-intercept form and give the slope.

44. Convert 4x - y = 8 to slope-intercept form and give the slope.

45. Convert -x + 2y = 5 to slope-intercept form and give the slope.

46. Convert 5y - 10x = 0 to slope-intercept form and give the slope.

47. Convert 3x + 4y = -12 to slope-intercept form and give the slope.

48. Convert x + y = 5 to slope-intercept form and give the slope.

49. What is the slope of the horizontal line y = 4?

50. Find the slope of the line through (2, 5) and (7, 5).