

13. What is point slope form?
14. What is slope intercept form?
15. What is the formula to find slope?
16. What is the equation of a line that goes through (2,2) and (4,2)? What kind of line is this?
17. What is the equation of a line that goes through (1,5) and (1,7)? What kind of line is this?
18. Write an equation in slope-intercept form of a line with slope -3 and y-intercept 2.
19. Write an equation of any line perpendicular to $y = 5x + 4$.
20. Write an equation of any line parallel to $y = -2x - 3$.
21. Find the distance between the points (-2,6) and (3,-4)
22. Find the midpoint between (7,11) and (6,3)
23. Find an equation of the line passing through (5,3) and (0,-6)
24. Find an equation of the line parallel to $y = -4x - 10$ passing through (4,1)
25. Solve for x: $\frac{1}{2}x + \frac{1}{5} = 1$
26. Evaluate $|10 - 12| + 9$

13. $y - y_1 = m(x - x_1)$

14. $y = mx + b$

15. $m = \frac{y_2 - y_1}{x_2 - x_1}$

16. $y = 2$, horizontal

17. $x = 1$, vertical

18. $y = -3x + 2$

19. $y = -\frac{1}{5}x + b$

20. $y = -2x + b$

21. $d = 5\sqrt{5}$

22. $MP = \left(\frac{13}{2}, 7\right)$

23. $y = \frac{9}{5}x - 6$

24. $y = -4x + 17$

25. $x = \frac{8}{5}$

26. 11