

Unit 4 Slope Review (part 2)

1. Name the 4 types of slope.

Graph.

Name: _____

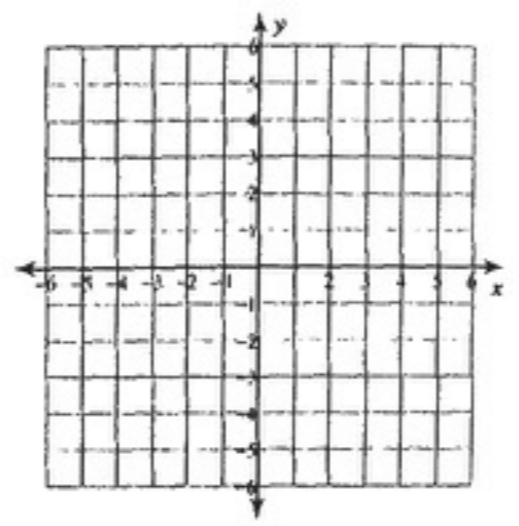
2. What does m stand for? _____

3. What does b stand for? _____

4. Formula for Slope Intercept Form: $y =$ _____

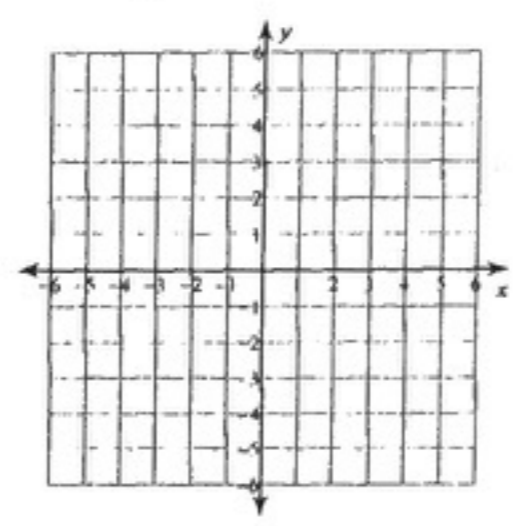
5. Formula for Finding Slope: $m =$ _____

14. $y = -2$

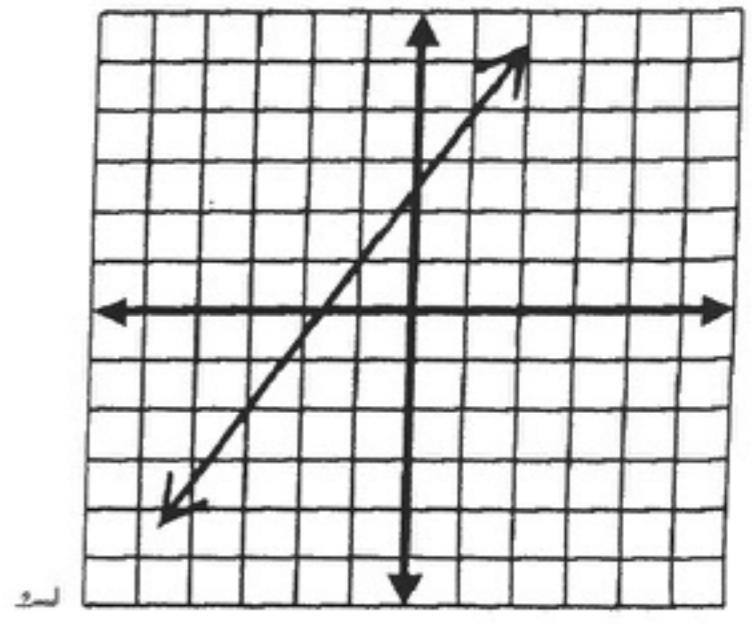


15.

$y = -\frac{3}{5}x + 2$



23. Which is true about the given line?



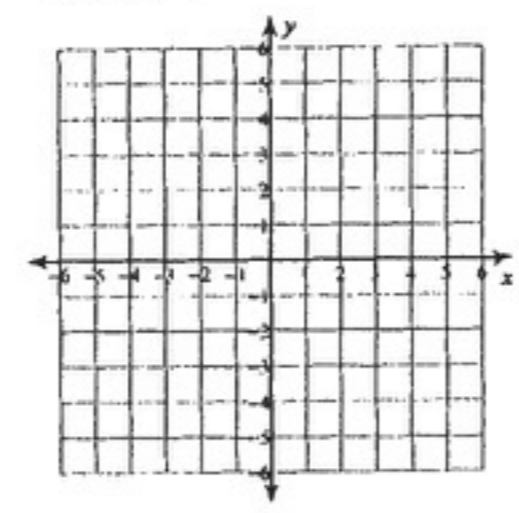
- A) Its slope is $\frac{3}{2}$ and y - intercept of 2.
- B) Its slope is $\frac{2}{3}$ and y - intercept of 2.
- C) Its slope is $\frac{3}{2}$ and y - intercept of -2.
- D) Its slope is $\frac{2}{3}$ and y - intercept of -2.

Find the slope.

6. $(14, 6), (15, 9)$

7. $(-20, -2), (13, 16)$

16. $x + 2y = 0$



8.

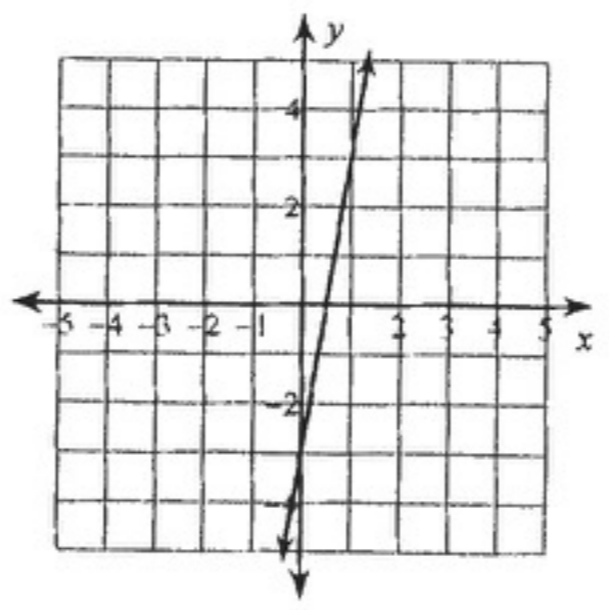
x	y
-3	5
-2	2
-1	-1
0	-4
1	-7

9.

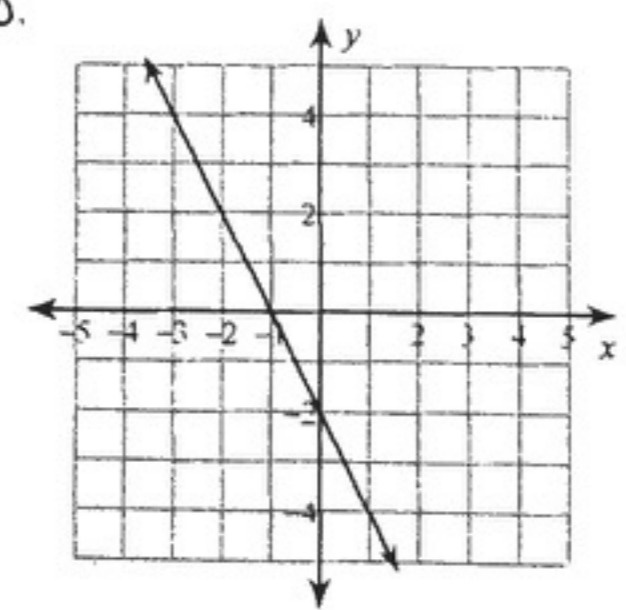
x	y
-2	5
-1	4.75
0	4.5
1	4.25
2	4

Determine the equation.

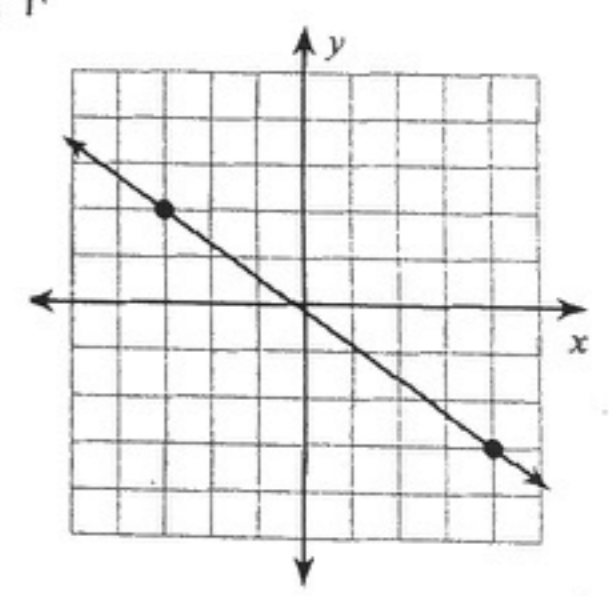
17.



18.



19.

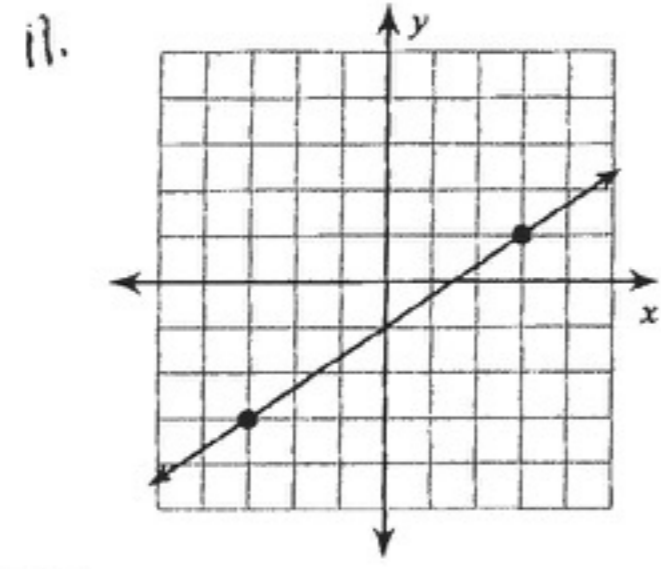
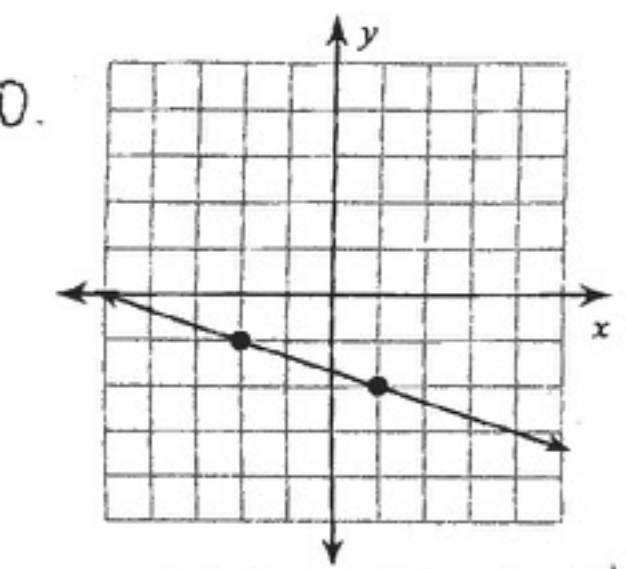


Convert to slope-intercept form and name the slope and y-intercept.

20. $2 + y = 3x$ $y =$ _____ $m =$ _____ $b =$ _____

21. $y - 2x = 9$ $y =$ _____ $m =$ _____ $b =$ _____

22. $x + y = -3$ $y =$ _____ $m =$ _____ $b =$ _____



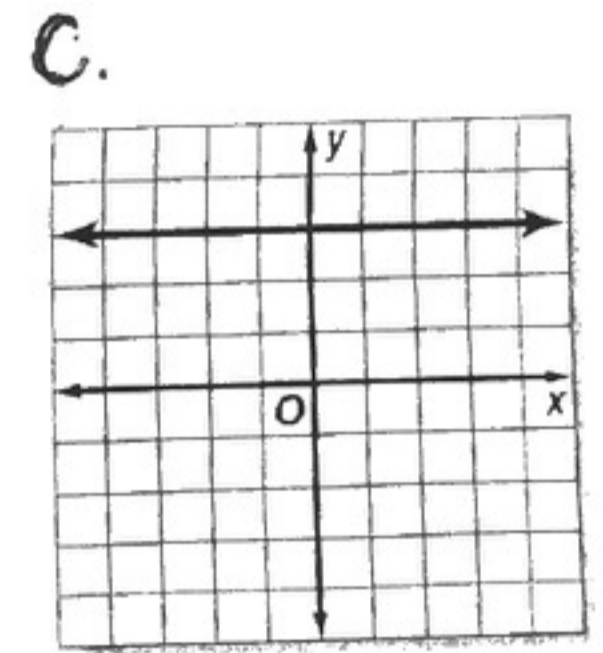
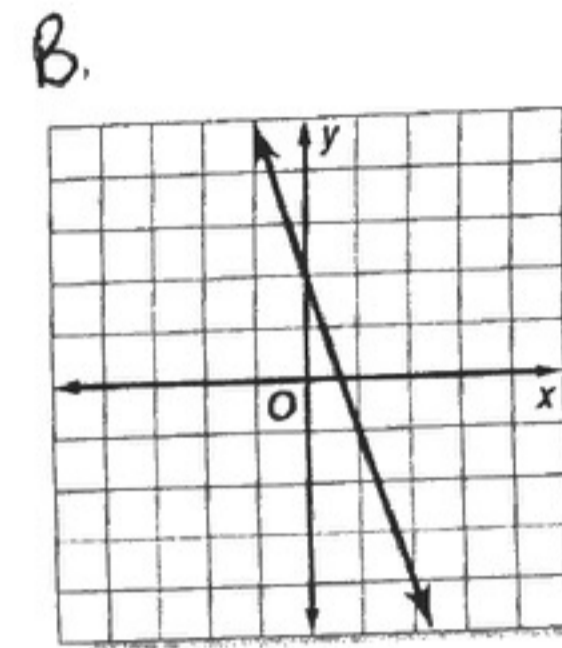
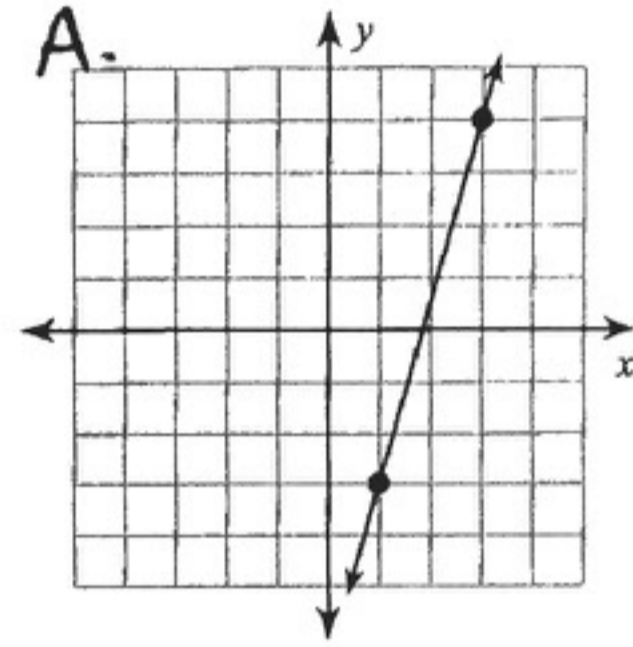
12. Write an equation.
slope = $\frac{2}{7}$,
y-intercept = 1

13. slope = -5,
y-intercept = -3

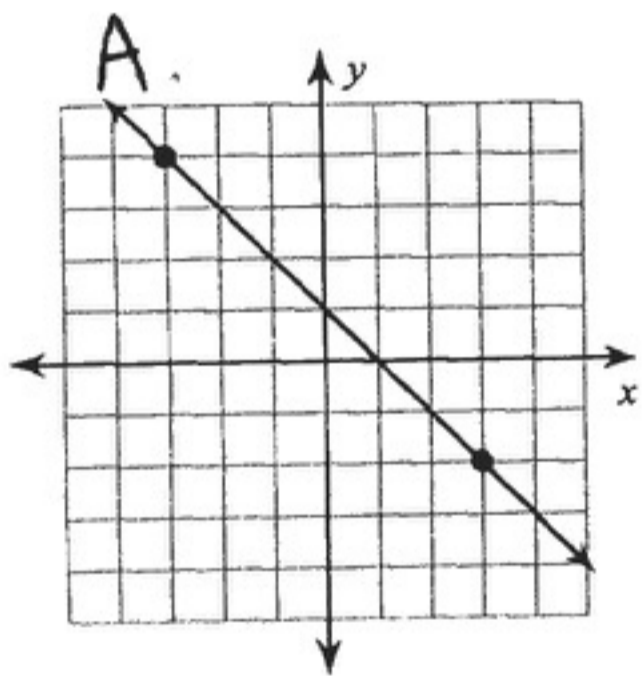
Write the slope-intercept form

24. $8x - 5y = -30$ $y =$ $m =$ $b =$
 25. $10x + y = 4$ $y =$ $m =$ $b =$
 26. $4x + 5y = -20$ $y =$ $m =$ $b =$
 27. $x + y = -1$ $y =$ $m =$ $b =$
 28. $3x + 5y = 30$ $y =$ $m =$ $b =$

31. Identify the slopes in order from least to greatest. $\underline{\quad}$, $\underline{\quad}$, $\underline{\quad}$

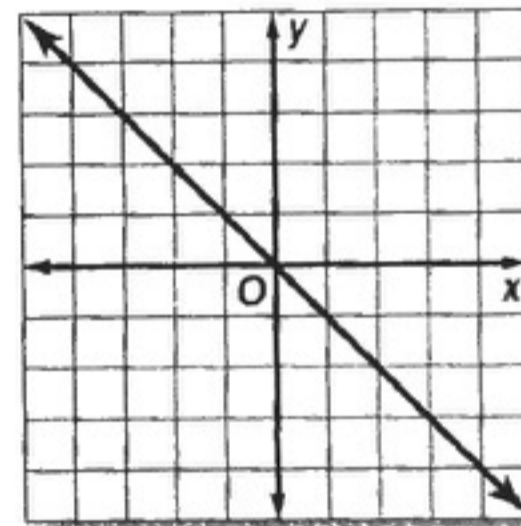


29. Which slope is larger? A or B



B. (4, 6) and (1, 3)

32. Find the equation of the line.

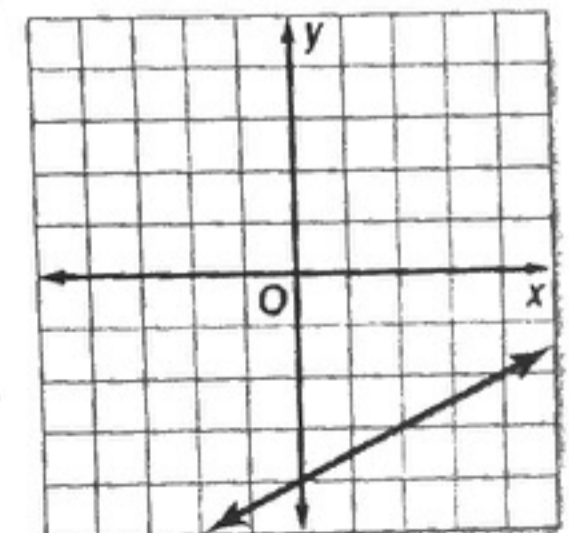


30. Which slope is smaller? C or D

C. slope = $\frac{3}{5}$,
y-intercept = 6

D. (5, 0) and (2, -3)

33. Find the equation of the line.



34. Compare the slopes of #32 and #33. Which is greater? #32 or #33