5.3 Slope (Rate of Change)

Corrective Assignment

NAME:_____

DATE:_____

Find the slope of the line through each pair of points.

1. $(-14, 8)$ and $(8, 14)$

2. $(2, 16)$ and $(-10, 20)$

3. $(18, 11)$ and $(16, -9)$

4. $(-11, 4)$ and $(-20, -6)$

5. $(-10, -12)$ and $(17, -1)$

6. $(-14, -16)$ and $(12, 17)$

Find the slope of each.

7. $y = -\frac{7}{3}x - 4$

8. $y = \frac{4}{3}x - 5$

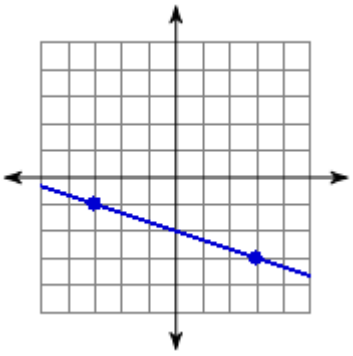
9. $y = \frac{2}{5}x - 3$

10. $y = -4x - 2$

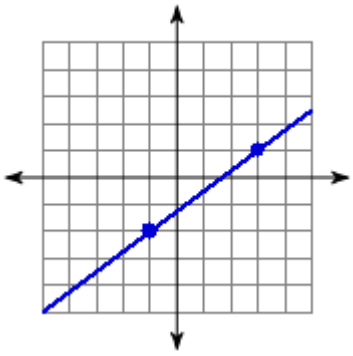
11. $y = -x - 3$

12. $y = \frac{1}{4}x - 1$

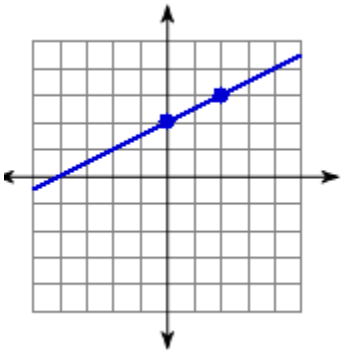
13.



14.



15.



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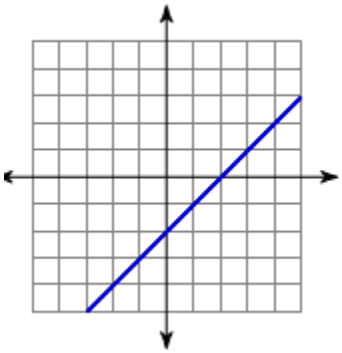

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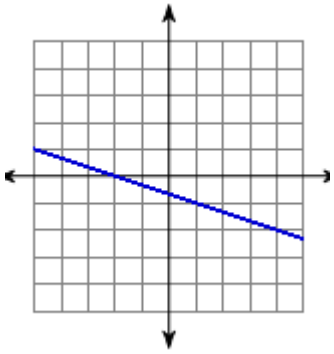

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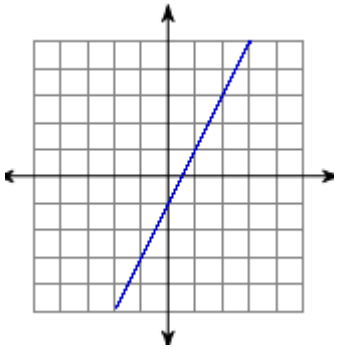
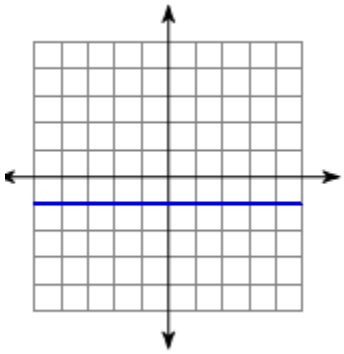


Is the slope of each line positive, negative, zero, or undefined?

19.



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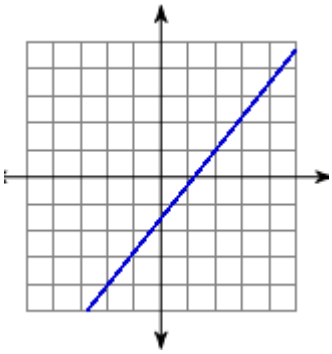

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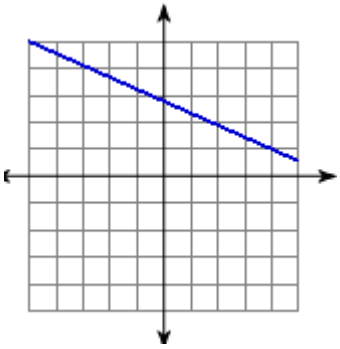

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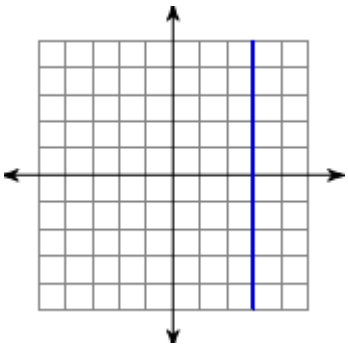

Find the slope of the line given its table of values.

23.

x	*y*
0	2
1	4
2	6
3	8

24.

x	*y*
0	10
1	6
2	2
3	-2

25.

x	*y*
0	4
1	4.5
2	5
3	5.5

26.

x	*y*
0	-5
1	-8
2	-11
3	-14

27.

x	*y*
0	-5
2	0
4	5
6	10

28.

x	*y*
0	2
3	4
6	6
9	8

ANSWERS TO CORRECTIVE ASSIGNMENT 5.3

1. $\frac{3}{11}$	2. $-\frac{1}{3}$	3. 10	4. $\frac{10}{9}$	5. $\frac{11}{27}$	6. $\frac{33}{26}$	7. $-\frac{7}{3}$	8. $\frac{4}{3}$	9. $\frac{2}{5}$
10. -4	11. -1	12. $\frac{1}{4}$	13. $-\frac{1}{3}$	14. $\frac{3}{4}$	15. $\frac{1}{2}$	16. 1	17. $-\frac{1}{3}$	18. 2
19. zero		20. positive		21. negative		22. undefined		23. $\frac{2}{1} = 2$
24. $\frac{-4}{1} = -4$		25. $\frac{0.5}{1} = \frac{1}{2}$		26. $\frac{-3}{1} = -3$		27. $\frac{5}{2}$		28. $\frac{2}{3}$