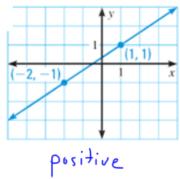
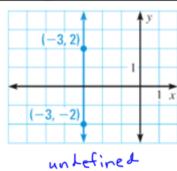
Tell whether the slope of the line is positive, negative, zero or undefined. Then find the slope if it exists.

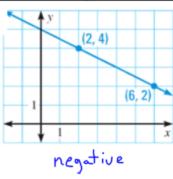
1.



2.

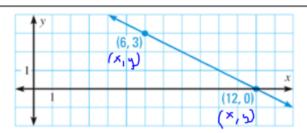


3.



ERROR ANALYSIS Describe and correct the error in calculating the slope of the line shown.

$$m = \frac{12 - 6}{0 - 3} = \frac{6}{-3} = -2$$



They put x minus x over y minus y instead of y minus y over x minus x.

$$(6,3)(12,0)$$
 $\frac{0-3}{12-6}=\frac{-3}{6}=\frac{-1}{2}$

Find the slope of the line that passes through the points.

5. (-2, -1) and (4, 5)

6. (1, 3) and (3, -2)

$$\frac{-j-3}{3-1} = \frac{-5}{2}$$

7. (1, -3) and (7, 3)

$$\frac{3-3}{7-1}=\frac{6}{6}=1$$

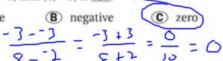
8. (-9, 1) and (1, 1)

$$\frac{1-1}{1-9} = \frac{6}{10} = 0$$

9 * MULTIPLE CHOICE The slope of the line that passes through the

points (-2, -3) and (8, -3) is _?_.

A positive



(D) undefined

Find the slope of the object.

10. Skateboard ramp

Pet ramp

12. Boat ramp







60 in.





$$\frac{4}{29} = \frac{1}{7}$$

Find the slope (rate of change) for the following.

13. Mr. Brust has 50 algebra books. He handouts 2 books every 3 days.

Slope (rate of change) = $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{3}$

16.
$$y = -3x + 5$$

Slope (rate of change) =

Bob makes 40 dollars a week.
 He already has 200 dollars.

Slope (rate of change) = (LABEL IT!) 46 1

15.	<i>y</i> =	7	$+\frac{3}{2}x$

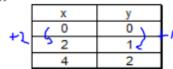
Slope (rate of change) = $\frac{3}{3}$

17.

•			
	x	у	l
	_ 0	2	۵
+1	1	115 1	٦
	2	20	ı

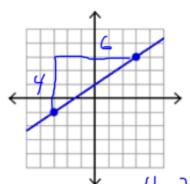
Slope (rate of change) = $\frac{9}{7} = 9$

18.



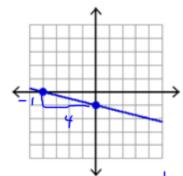
Slope (rate of change) = $\frac{1}{3}$

19.



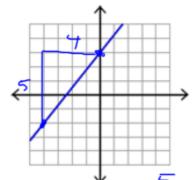
Slope (rate of change) = $\frac{4}{6} = \frac{3}{3}$

20.



Slope (rate of change) = $-\frac{7}{4}$

21.



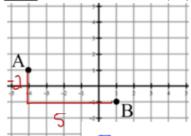
Slope (rate of change) = $\frac{3}{4}$

GRAPH

 Describe how to move from point A to point B.

units in the y direction (rise)

units in the x direction (run)



SKILLZ REVIEW SIMPLIFY

3. 6(3x+2)-10

4. 5x - 3(4x + 1)

SOLVE

$$\begin{array}{c|c}
8 - x &= 12 \\
- y & - 9 \\
\hline
- x & - 1 \\
\hline
- 1 & - 1
\end{array}$$

 $6. \ 5x - 4 = 8x + 3$

For extra help, check the Skillz Review video!

 Describe how to move from point C(0,3) to point D(2,-3).