

Determine the slope of these equations.

1) $y = 3x - 4$

Slope: _____

2) $y = -4x + 5$

Slope: _____

3) $y = \frac{3}{4}x - 2$

Slope: _____

4) $6 + 4x = y$

Slope: _____

5) $4 - x = y$

Slope: _____

6) $y = 5$

Slope: _____

Determine the slope of these tables.

7)

x	y
5	0
4	2
3	4
2	6
1	8

Slope: _____

8)

x	y
0	5
-2	3
-4	1
-6	-1
-8	-3

Slope: _____

9)

x	y
0	2
1	2
3	2
5	2

Slope: _____

10)

Time (days)	Height (cm)
1	14.2
2	16.6
3	19.0
4	21.4

Rate of Change: _____

11)

Time Rented (hrs)	Rental Charge (\$)
4	25.00
8	35.00
12	45.00
16	55.00

Rate of Change: _____

Verbal Situations.

12) Scott is trying to make a profit on the stock market by investing in some stock that his friends recommended. He has \$1000 invested and was hoping to gain 10 points) Instead, his stocks are currently declining 5 points every hour. What is the rate of change or slope of his stocks?

_____ 13) $C = 350 + 200n$ is the function representing the cost of extras for a film company, where C is the cost and n , is the number of extras used. What does the slope represent?

[A] \$350 cost per extra

[C] \$200 cost per one day lunch for all

[B] \$200 cost per extra

[D] \$350 cost per one day lunch for all

14) After a flood levee reached a high water mark of 3 meters, water began to lower at a constant rate of change.

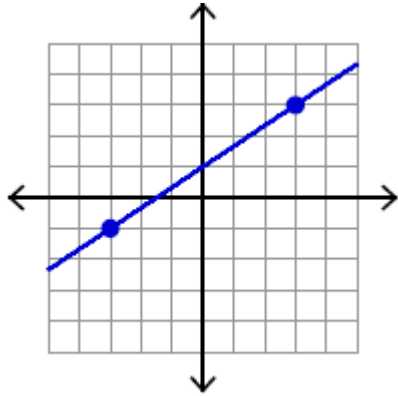
Time (hrs)	0	2	4	6
Water Level (meters)	3	2.3	1.6	0.9

A. Describe what the rate of change means in this situation?

B. What does the ordered pair (4, 1.6) represent?

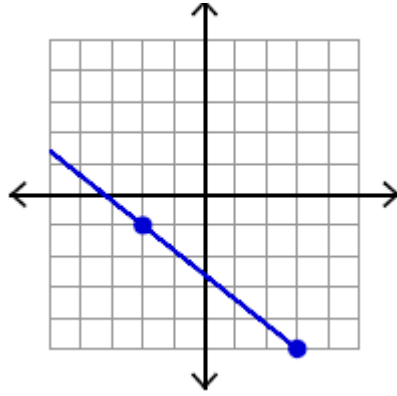
Determine the slope of these graphs.

15)



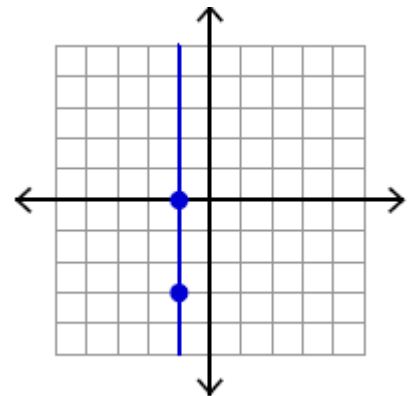
Slope: _____

16)



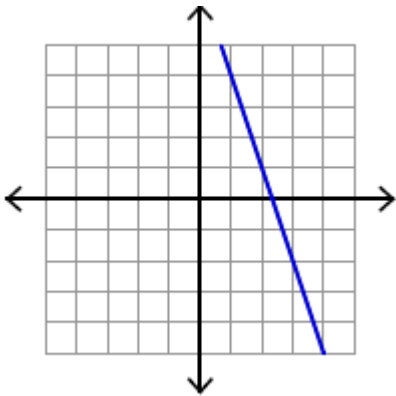
Slope: _____

17)



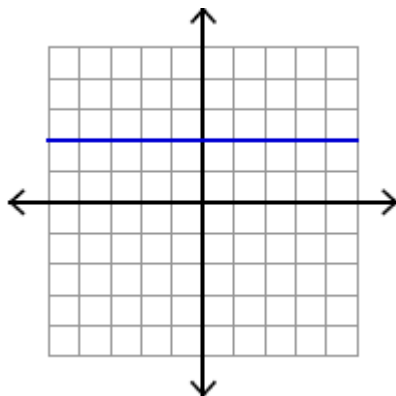
Slope: _____

18)



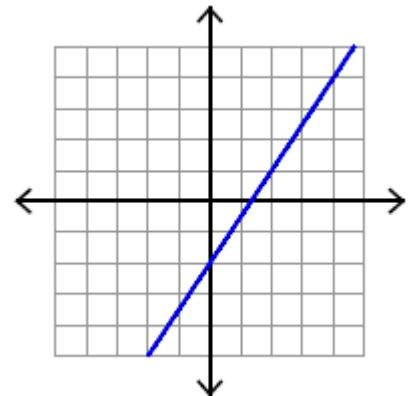
Slope: _____

19)



Slope: _____

20)



Slope: _____

Find the slope of these ordered pairs.

21) (3, -20), (5, 8)

22) (19, 3), (20, 3)

23) (1, -19), (-2, -7)

24) (7, -13), (7, 8)

25) (-19, 12), (-9, 1)

26) (6, -12), (15, -3)