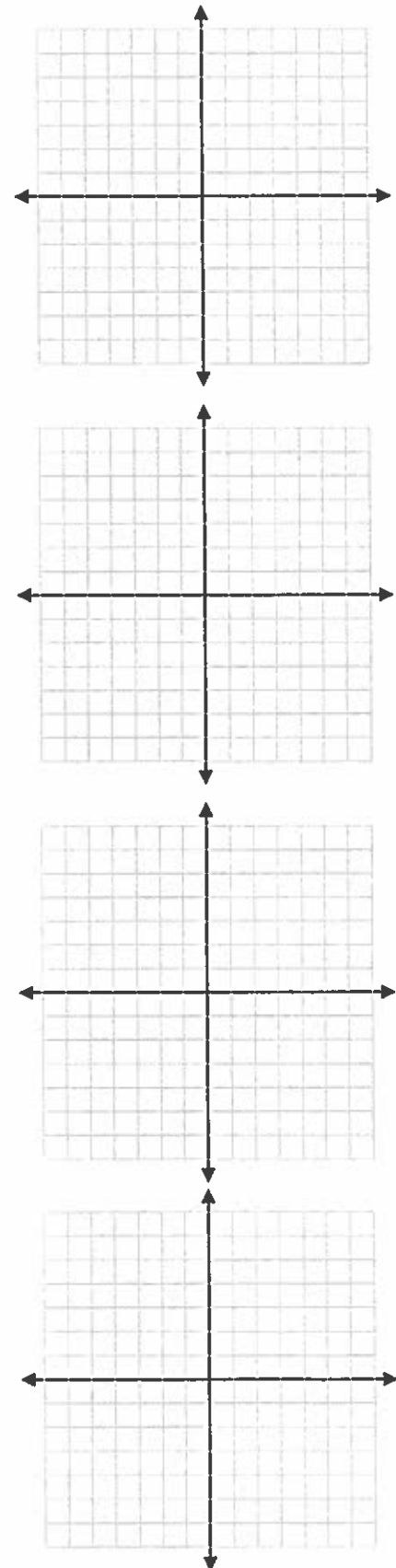


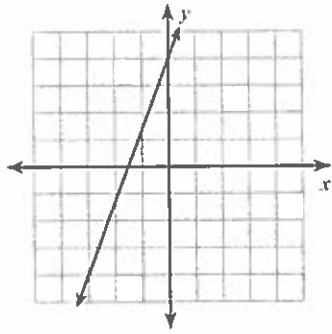
FINDING SLOPE #1 (Graphing method)

Graph the points and find slope using $m = \frac{\text{rise}}{\text{run}}$

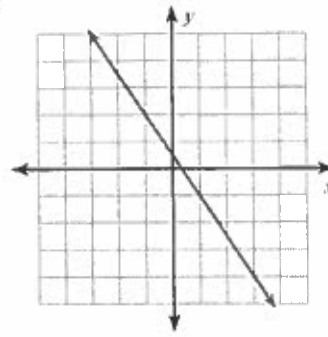
1. Plot the points (0, 2) and (4, 3) and find slope.
2. Plot the points (0, -3) and (2, 1) and find the slope.
3. Plot the points (0, -1) and (1, 4) and find the slope.
4. Plot the points (0, 3) and (4, 1) and find the slope.
5. Plot the points (0, 1) and (1, -3) and find the slope.
6. Plot the points (0, -3) and (3, -1) and find the slope.
7. Plot the point (0, -2) and (1, 2) and find the slope.
8. Plot the point (0, 4) and (2, -6) and find the slope.



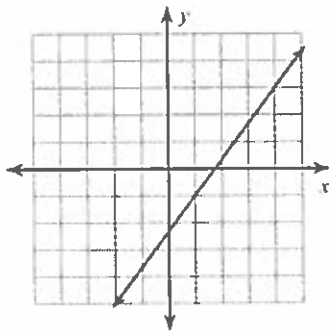
9)



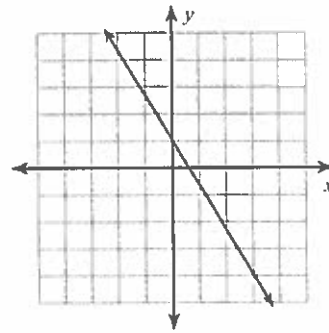
10)



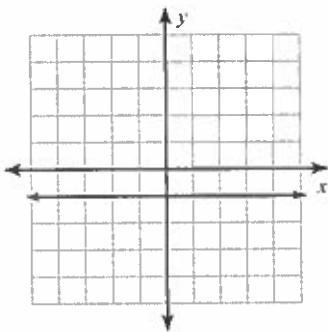
11)



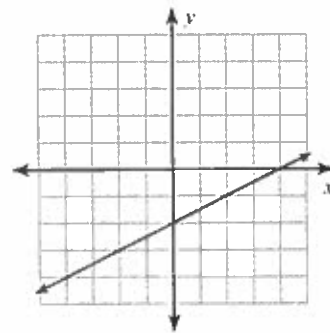
12)



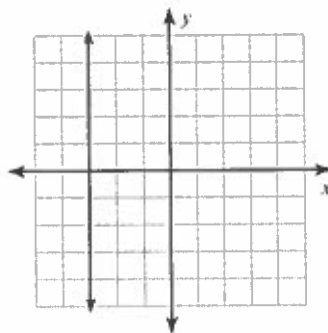
13)



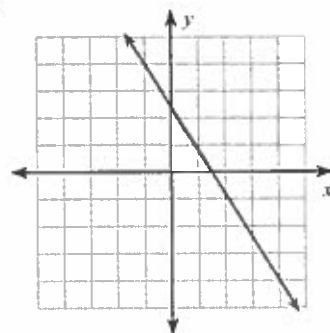
14)



15)



16)



FINDING SLOPE #2 (Using slope formula)

Find the slope using the formula $m = \frac{y_2 - y_1}{x_2 - x_1}$

1. Find the slope using points: (2, 2) and (-5, 4)
2. Find the slope using points: (3, 9) and (-5, 3)
3. Find the slope using points: (5, 5) and (4, 2)
4. Find the slope using points: (5, 7) and (2, 7)
5. Find the slope using points: (-4, 0) and (12, 2)
6. Find the slope using points: (2, 5) and (-6, -3)
7. Find the slope using points: (-8, -2) and (1, 4)
8. Find the slope using points: (0, -3) and (-4, 2)
9. Find the slope using points: (5, 1) and (9, 4)
10. Find the slope using points: (-10, 6) and (-5, 8)
12. Find the slope using points: (7, -3) and (11, -4)
12. Find the slope using points: (13, 0) and (-2, -12)

FINDING SLOPE #3 (Tables)

1)

x	2	4	6	8	10	12	14
y	1	6	11	16	21	26	31

2)

Number of Nintendo games rented	Total Cost
0	\$20
5	30
10	40
15	50
20	60
25	70

3)

X	Y
0	-1
3	2
6	5
9	8

FINDING SLOPE #4 (Word Problems)

1) A climber is on a hike. After 2 hours he is at an altitude of 400 feet. After 6 hours, he is at an altitude of 700 feet. What is his average change in altitude over time?

2) A scuba diver is 30 feet below the surface of the water 10 seconds after she entered the water and 100 feet below the surface after 40 seconds. What is her average change in elevation over time?

3) A teacher weighed 145 lbs in 1996 and weighs 190 lbs in 2017. What is his average change in weight over time?

4) A student has \$10 on a gift card after purchasing two toys, and \$3 on the card after purchasing 4 toys. How much does each toy cost?