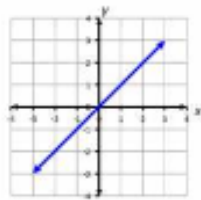
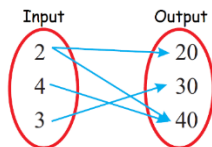


11/21/2024 – Intro to Functions**Review of Unit 4 for Grade 7 and 8 (7A and PreAlgebra) – Fun theme: Celebrations**Questions to follow along with show. Watch: [Math Homework Hotline](#)

- 1) Circle all of the relations that are a function.
(MA.8.F.1.1)

(0, 0), (1, 1), (2, 2), (3, 3)

Input	Output
3	0
4	7
5	10
4	14
10	25



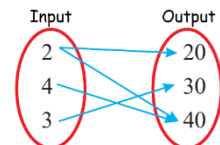
- 2) Identify the domain and range of each relation. (MA.8.F.1.1)

(0, 0), (1, 1), (2, 2), (3, 3)

D:

R:

Input	Output
3	0
4	7
5	10
4	14
10	25



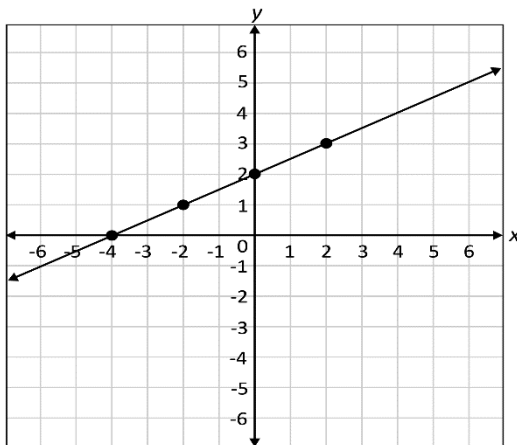
D:

R:

D:

R:

- 3) What is the slope of the graph? (MA.8.AR.3.2)



- 4) If a line passes through each set of points, determine if it will have a positive or negative slope. (MA.8.AR.3.2)

	Positive slope	Negative slope
(0, 4) and (-3, 2)		
(-4, 0) and (-5, -1)		
(2, 1) and (4, -2)		

- 5) What is the slope-intercept equation of the line with a slope of -3 and y -intercept of 2 ?
(MA.8.AR.3.3)

- 6) The table shown represents a linear relationship. Using the table, write an equation in slope-intercept form.
(MA.8.AR.3.3)

x	y
-2	5
2	4
6	3

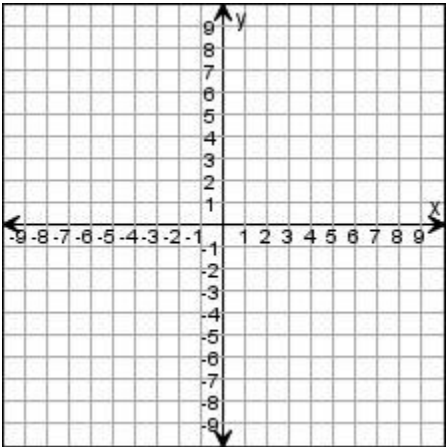
11/21/2024 – Intro to Functions

Review of Unit 4 for Grade 7 and 8 (7A and PreAlgebra) – Fun theme: Celebrations

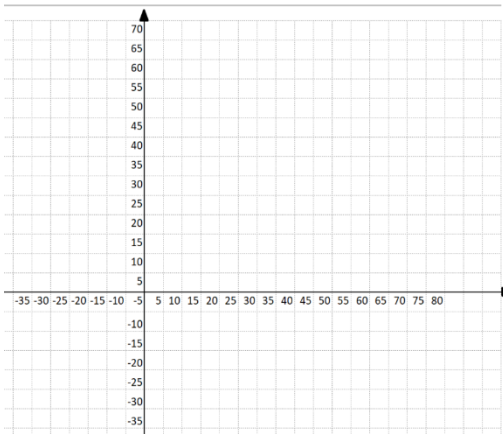
Questions to follow along with show. Watch: [Math Homework Hotline](#)

7) The table shown represents a linear relationship. Use the table to graph the relationship. (MA.8.AR.3.4)

x	y
-2	5
2	4
6	3



8) Supplies for the celebration cost \$25. The Booster Club is charging \$10 per ticket. Graph the relationship between the amount of money earned and the number of tickets sold. (MA.8.AR.3.4)



9) Is the function linear or nonlinear? (MA.8.F.1.2)

x	-2	-1	0	1	2
y	4	1	0	1	4

10) Tracy is hiking Stoneview Mountain to celebrate her birthday. The trailhead starts just above the base. Along the hike, she stops a few times to take pictures. The view from the peak is beautiful! Which graph could show Tracy's elevation as she hikes to the peak? (MA.8.F.1.3)

