

G6-M1 – Topic B

G6-M1-L9: Consider doing a 2-3 minute review fluency activity like the one below, leading into the lesson.

Use the value of the ratio to determine which ratios are equivalent to 2:11.

- a. 4:22
- b. 3:22
- c. 14:77
- d. 22:110

G6-M1-L10: Consider these remediated Exercise 1 tables.

Hours	Pay in Dollars
3	11
5	55
7	77
10	101

Blue	Yellow
1	5
4	20
8	30
10	50

G6-M1-L11: See alternative Example 1 table below:

Write a ratio to describe the relationship shown in the table.

Hours	Number of pizzas sold
2	22
5	55
6	66
10	110

Alternative Exercise 1 Problem:

Michael

Minutes	3	5	7	9
Words	90	150	210	270

Jenna

Minutes	2	4	6	8
Words	80	160	240	320

Maria

Minutes	3	6	9	10
Words	150	300	450	500

Alternative Exercise 2 Problem

Laredo's Juice

Franca's Juice

Milton's Juice

Water	Juice	Total	Water	Juice	Total	Water	Juice	Total
8	2	10	6	2	8	10	5	15
12	3	15	15	5	20	14	7	21
20	5	25	30	10	40	20	10	30

G6-M1-L12: This lesson is worth spending extra days with. Connecting ratio tables to the double number line is vital for students to learn more complicated topics moving forward.

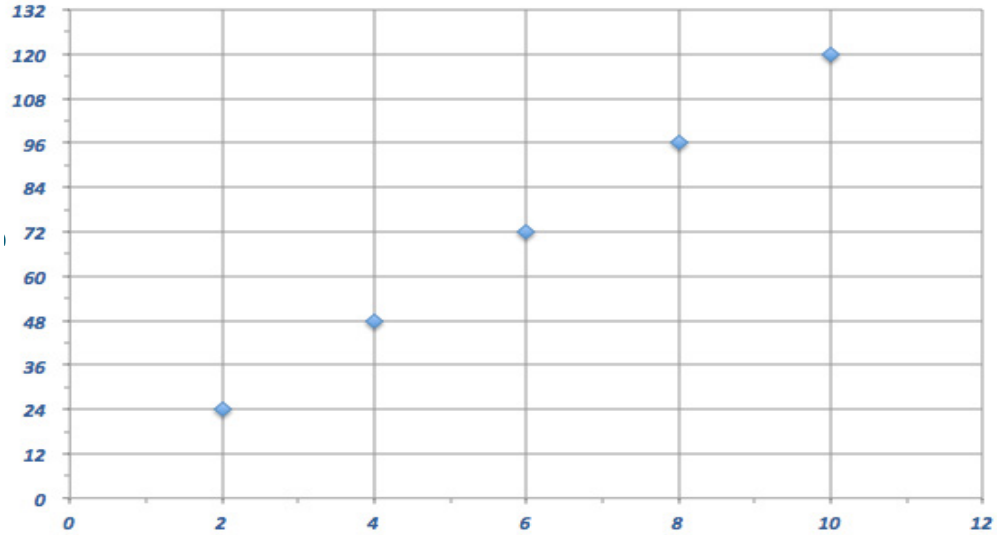
G6-M1-L13: For Exercise 1, a cube drawing should suffice, i.e. linker cubes aren't necessary.

G6-M1-L14: For two or three days leading up to this lesson, consider projecting the first quadrant of a coordinate plane with a few coordinates plotted. Ask students to name the ordered pairs to match the coordinates. Hopefully, this will activate prior knowledge so that lesson 14 content runs more smoothly.

G6-M1-L15: This lesson is very much a Topic B review. Consider building reviews into a fluency & problem solving section each day leading up to this lesson. Otherwise, it might be necessary to spend two days with this lesson.

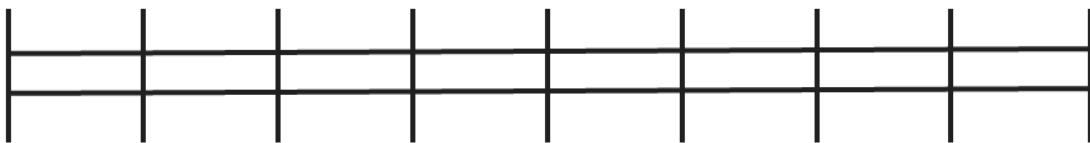
G6-M1-L14 Subset

- 1) Write the ordered pair next to each coordinate.
- 2) Label the x-axis, y-axis, & origin.



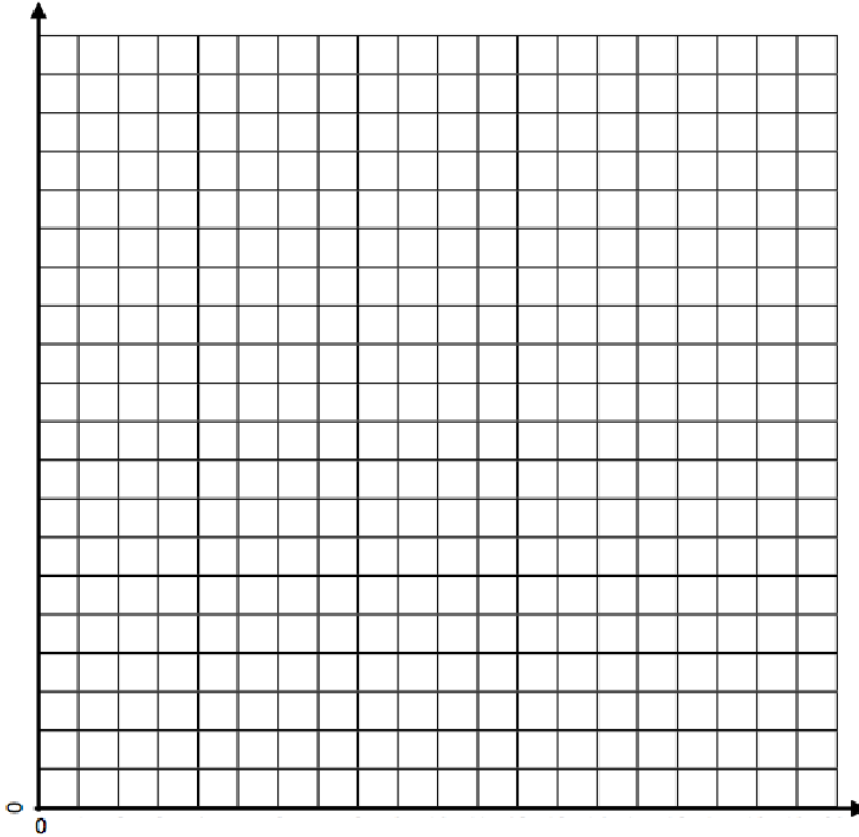
- 3) Fill in the table for the equation $y = 2x$. Then, create a double number line to show the relationship.

x	y	Ordered Pair
2		(,)
3		(,)
4		(,)
8		(,)



G6-M1-L15 Subset

- 1) Label the x-axis, y-axis, & origin.
- 2) Plot the following coordinates on the coordinate plane: (1,3) (5,8) (11,2) (0, 7) (15,0)



- 3) Fill in the table for the equation $y = 2x$. Then, create a double number line to show the relationship.

y	x	Ordered Pair
1	50	(,)
2	100	(,)
3	150	(,)
	250	(,)