Graphing Ratios



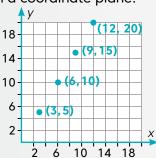
Example

Graph the ratios as ordered pairs.

Write each equivalent ratio as an ordered pair, (x, y).

х	У	
3	5	← (3, 5)
6	10	← (6, 10)
9	15	← (9, 15)
12	20	← (12, 20)

Graph each ordered pair on a coordinate plane.

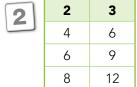


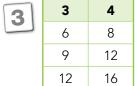
Find the graph that matches the ratio table.

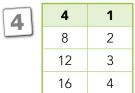
1 2 2 4 3 6

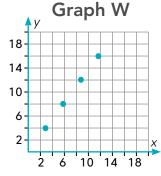
4

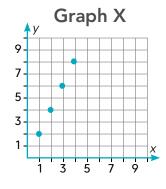
8

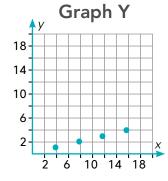


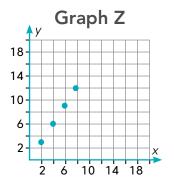








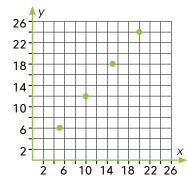




Use the graph to answer the question.

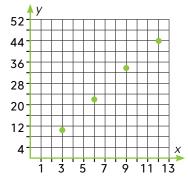
5 How many bagels cost \$24?

bagels	cost (\$)
5	6
10	12

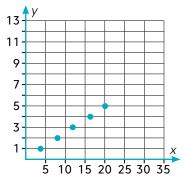


6 How much do 12 bottles of shampoo cost?

bottles	cost (\$)
3	11
6	22

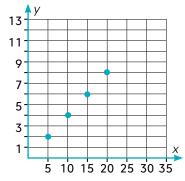


ounces	cost (\$)
4	1
8	2



How many miles in 6 hours?

miles	hours
5	2
10	4



Compare the partially completed ratio tables to answer the question.

Which costs less?

bottle	
ounces	cost (\$)
2	
4	16

or

can	
ounces	cost (\$)
	3
	9
9	27

Which costs more?

can	
ounces	cost (\$)
	3
	9
9	27

or

tube	
ounces	cost (\$)
2	12
3	18

Which costs less?

tube	
ounces	cost (\$)
2	12
3	18

or

box		
ounces	cost (\$)	
5	10	
10	20	

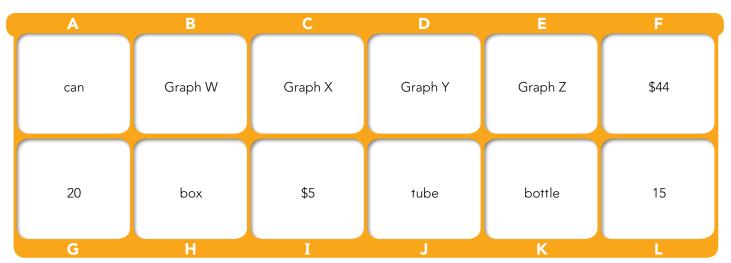
Which costs more?

bottle	
ounces	cost (\$)
2	
4	16

or

box	
ounces	cost (\$)
5	10
10	20

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Objective: Graph ratio tables on coordinate planes.



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