

TABLES + GRAPHS RATIO PRACTICE

Name _____

Period _____ Date _____

Ratio Table Comparisons

1. New Hope City likes to boast about the marvelous weather. The city of Lakeview is also known for its great weather. Complete the tables to determine which city has more sunny days.

New Hope	Sunny Days	7		21	28	
	Total Days		20	30		50

Lakeview	Sunny Days		12	20		36
	Total Days	5	15		40	

2. Companies routinely perform taste preference tests on different versions of products to determine which appeals to the most customers. It was found that in the southern part of the country, people like sweeter tea. Complete the tables to determine which version of iced tea was the sweetest.

Version A	
Tea (oz)	Sugar (Tbsp)
3	
	4
9	
	8
18	12

Version B	
Tea (oz)	Sugar (Tbsp)
	3
12	
16	6
	9
32	

3. Nick and Sam love making smoothies. Their favorite is strawberry. Nick claims that his recipe has a stronger strawberry flavor. Complete the tables to determine if his claim is true.

Nick	Strawberry Puree		4		8	10
	Other Liquids	3		9	12	

Sam	Strawberry Puree	3		9	12	
	Other Liquids		10		20	25

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Ratio Table Comparisons

4. Nola makes orange juice with 2 cups of orange juice concentrate and 3 cups of water. Rachel's recipe uses 3 cups of orange juice concentrate and 5 cups water. Complete the tables with equivalent ratios. Whose recipe makes stronger orange juice?

Nola	
Orange Juice (c)	Water (c)
2	3
4	
	9
15	

Rachel	
Orange Juice (c)	Water (c)
3	5
7.5	
	15
	25

5. Tino is comparing 2 brands of dishwasher soap. Brand A costs \$6.72 for a 32 ounce bottle. Brand B costs \$5.76 for a 24 ounce bottle. To compare the costs, Tino must compare prices for equal amounts of dishwasher soap. (unit rate, or unit cost, or unit price) Complete the tables to determine the least expensive brand.

Brand A	
Ounces	Price
32	\$6.72
8	
2	
1	

Brand B	
Ounces	Price
24	\$5.76
6	
1	

6. Nayeli bought boneless skinless chicken breast at the grocery store. She also bought pork chops. Complete the tables and determine which type of meat was the least expensive.

Chicken Breast	Price	\$11.94			
	Pounds	3	2	1	0.5

Pork Chops	Price	\$14.32			
	Pounds	4	3	1	0.5

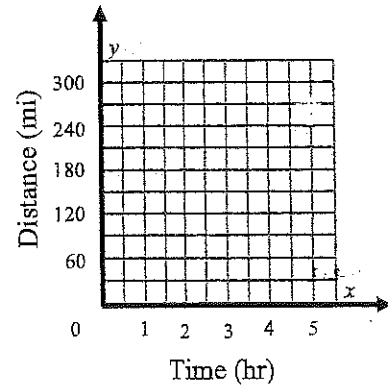
Name _____

Period _____ Date _____

Ratio Tables And Graphs

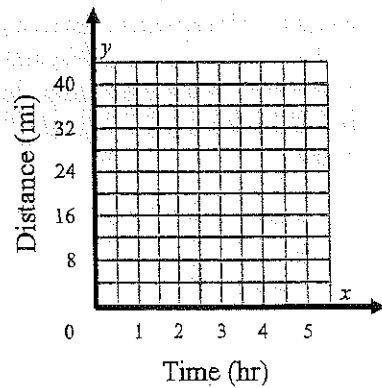
1. The Polsby family is taking a bus to Madrid. The bus travels at a constant speed on the motorway. The table shows the distance that the bus travels in various amounts of time. Fill in the missing values. Graph the values on the coordinate plane and then determine how far the bus travels in 4.5 hours by looking at the graph.

Time (h)	2		3		5	3.5
Distance (mi)	120	150		240		



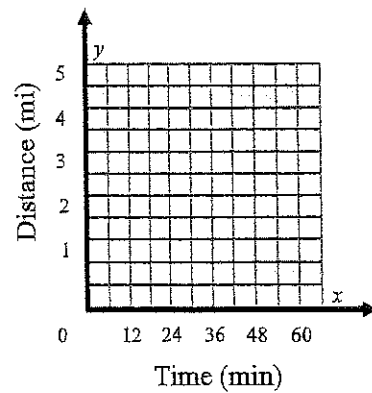
2. Brittany is riding her bike at a constant rate of speed. The table shows the distance she travels in various amounts of time. Fill in the missing values. Graph the values on the coordinate plane and then determine how far Brittany travels in 1.5 hours by looking at the graph.

Time (h)	2		3		5	1.5
Distance (mi)	16	20		32		



3. Margo jogged at a constant rate of speed. The table shows the distance she jogged in various amounts of time. Complete the table and then graph the values on the coordinate plane. Determine how far she can jog in 12 min. by looking at the graph.

Time (min)	60		36		24	12
Distance (mi)	5	4		2.5		



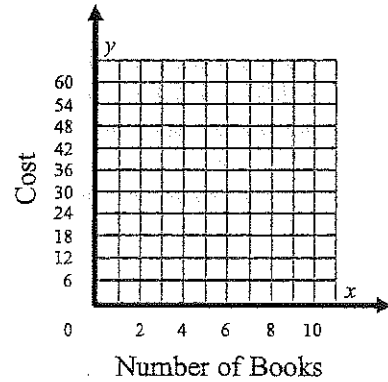
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Ratio Tables And Graphs

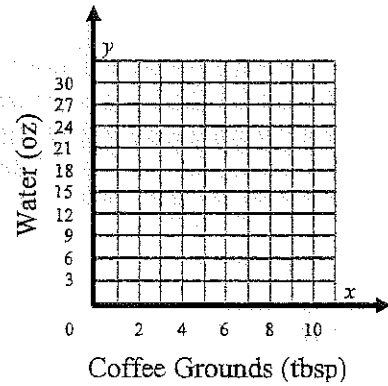
4. Lincoln loves to read. The table shows the price he pays to buy different paperback books. Complete the table and then graph the values on the coordinate plane. Determine how much it costs to buy 4 books by looking at the graph.

Number of Books	1	3	7		10	4
Cost		\$18		\$54		



5. Amy is making coffee. The table shows the amount of ground coffee beans needed to brew various amounts of coffee. Complete the table and then graph the values on the coordinate plane. Determine how many tablespoons (tbsp) of coffee are needed to make 7 oz of coffee by looking at the graph.

Coffee Grounds (tbsp)	2		6	8		7
Water (oz)		12	18		30	



6. Celia knows that 4 inches is about 10 centimeters. Complete the table and then graph the values on the coordinate plane. Determine how many inches are in 25 centimeters by looking at the graph.

Inches	2	4	6	8	1	
Centimeters		10				25

