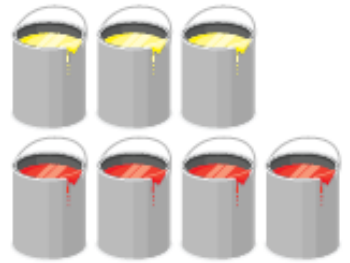


Name: Date:

Tables of Equivalent Ratios – Lesson 1-2

EX1) To make yellow icing, Amida mixes 6 drops of yellow food coloring with 2 cups of white icing. How many drops of yellow food coloring should Amida mix with 8 cups of white icing to get the same shade of yellow?

EX2) Akeno mixes three sample containers of yellow paint with four sample containers of red paint to create his favorite shade of orange paint. His little sister Aiko wants to create the same shade of orange paint, but she only has two sample containers of red paint. What should Aiko do to create the same shade of orange paint?

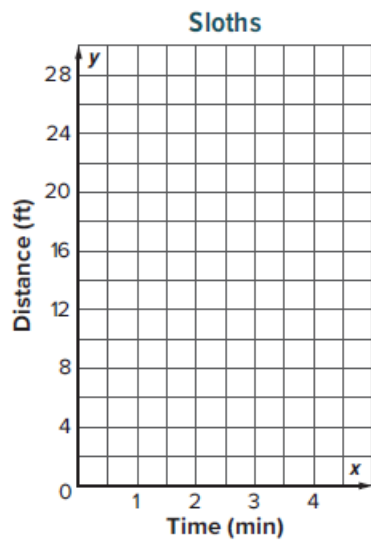
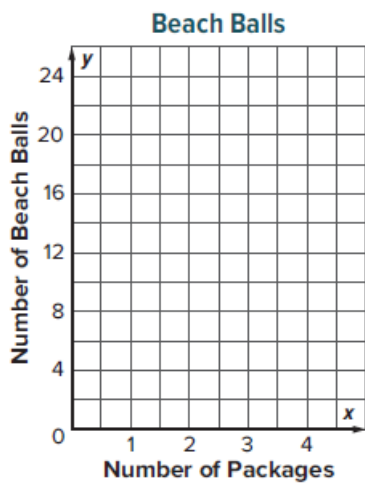


EX3) Natasha made raspberry punch for a party by mixing 9 fluid ounces of fruit punch, 3 liters of soda, and 6 scoops of raspberry ice cream. Halfway through the party, the punch bowl was empty. If Natasha only has 6 fluid ounces of fruit punch left, how much ice cream does she need to make another batch of punch?

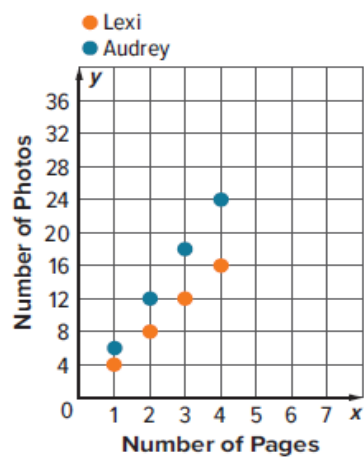
Graphs of Equivalent Ratios – Lesson 1-3

1.Lulah is buying beach balls for her beach themed party. Each package contains 6 beach balls. Generate the set of ordered pairs for the ratio relationship between the number of beach balls y and the number of packages x for a total of 1, 2, 3, and 4 packages. Then graph the relationship on the coordinate plane and describe the pattern in the graph.

2.A sloth travels about 7 feet every minute. Generate the set of ordered pairs for the ratio relationship between the total distance traveled y and the number of minutes x for a total of 1, 2, 3, and 4 minutes. Then graph the relationship on the coordinate plane and describe the pattern in the graph.



3. Two friends are making scrapbooks. The number of photos Lexi and Audrey place on each page of their scrapbooks is shown in the graph. Describe the ratio relationship for each person

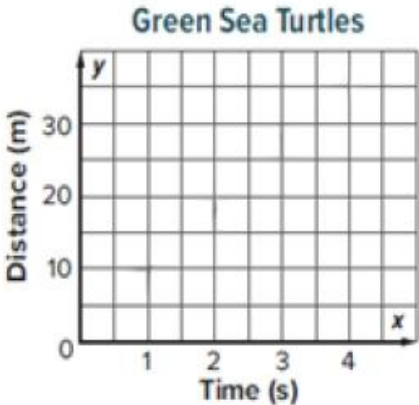


7. Reason Abstractly The table gives the number of beads needed to make bracelets of certain lengths. Suppose you graph the ordered pairs (bracelet length, number of beads) on the coordinate plane. Would the point (10.5, 42) make sense in this context? Explain.

Bracelet Length (in.)	7	8	9	10
Number of Beads	28	32	36	40

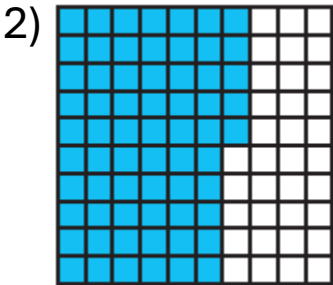
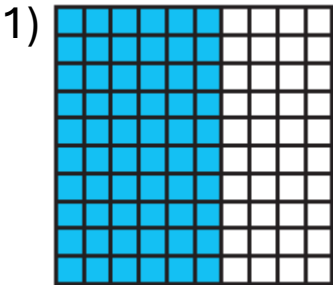
8. Multiple Representations For every second, the average green sea turtle can swim 9 meters. Represent how far a green sea turtle can swim in 1, 2, 3 and 4 seconds in a table. Then graph the points on a coordinate plane.

Time (s)				
Distance (m)				

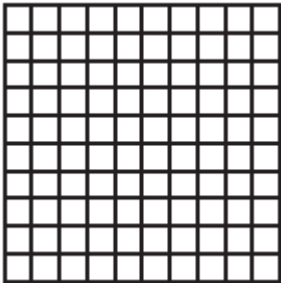


Understand Percents – Lesson 2-1

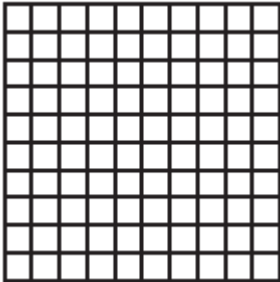
Identify the percent represented by each 10 × 10 grid



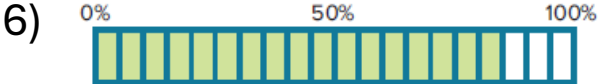
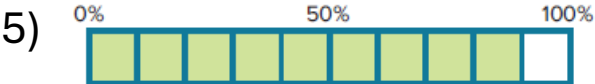
3) In a school survey, 12% of the students surveyed said they like camping. Shade the 10 × 10 grid to model 12%.



4) Of the students in the lunch line, 9% said they were buying strawberry milk. Shade the 10 × 10 grid to model 9%.



Identify the percent represented by each bar diagram.



Find the Whole – Lesson 2-6

8.The number of sixth grade students accounts for 35% of the total number of students enrolled in middle school. There are 245 sixth grade students. How many students are enrolled in the middle school?

9.Three different options for school lunch were offered on Friday. The table shows the percent of the total lunches sold for each option. If 270 students bought a cheese pizza or a pepperoni pizza, how many lunches were sold on Friday? If each lunch costs \$3.50, how much money will the cafeteria earn from all of the lunches?

Option	Percent
Cheese Pizza	50
Pepperoni Pizza	40
Fried Chicken	10

Compute With Multi-Digit Decimals – Lesson 3-2

Find each difference.

139.65 – 59.623 = _____

352.37 – 231.975 = _____

32.674 ÷ 0.016 = _____

3.825 ÷ 0.25 = _____