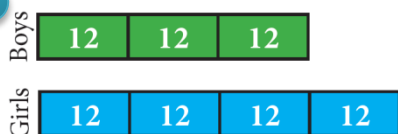


In this unit, we will use the concepts of ratio and rate to compare quantities and solve problems. We will use models such as tape diagrams, ratio tables, graphs and double number lines to represent relationships and find unknown values in situations with a constant ratio. You can find examples of each of these models in the student text on the pages listed below. The concept of rate will be used to compare rates and convert measurements.

Lesson 1.1
Page 3

Tape Diagram



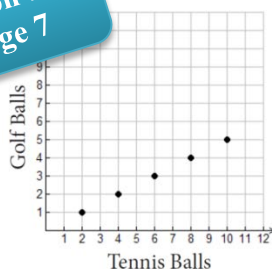
Ratio Table

Birds	9	18	27
Snakes	2	4	8

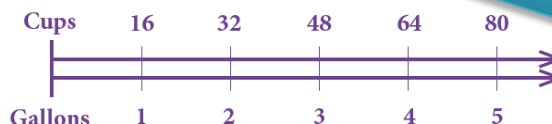
Lesson 1.2
Page 6

Lesson 1.2
Page 7

Graph



Double Number Line



Lesson 1.3
Page 12

How You Can Help at Home

- Discuss different ratio and rate situations that occur throughout the day in your home. For example,
 - ratios of males to females in your home
 - gas mileage in miles per gallon
 - using unit cost of items at store to determine the best deal
- Convert measurements of items in your home between larger and smaller units (i.e. inches/feet or ounces/gallons)
- Use unit rates to determine speeds when traveling (i.e., 2 hours to travel 110 miles = 55 miles per hour)

Important Vocabulary

Ratio

Conversion
Factor

Equivalent Ratios

Unit Rate

Rate

Connecting Math Concepts

Past math topics your child has learned that will be activated in this unit	Future math this unit prepares your child for
<ul style="list-style-type: none"> ➤ Interpreting a fraction as a division problem ➤ Multiplying fractions ➤ Converting measurements 	<ul style="list-style-type: none"> ➤ Computing unit rates with ratios of fractions ➤ Recognizing and represent proportional relationships