Name_____ Date_____ Period_____

LESSON 3-3 · SESSION 1 · PREREQUISITE PRACTICE B · SKILL 1 OF 2

Read and Write Ratios

Builds on Lesson 3-1 Session 1 · 6.RP.A.1

TODAY'S LESSON	You will complete a table for 4 cups of mix for every 3 cups of milk.
YOU NEED TO	Write a ratio in the order asked, like mix to milk is 4 : 3. **You will use it in Practice Form A, problems 2 and 3.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **first** thing named and its number.
2. Find the **second** thing named and its number.
3. Write them in that **order** with a colon: first : second.

WATCH ME

the steps in action

A bracelet has 7 blue beads for every 4 white beads. Write the ratio of white beads to blue beads.

Step 1 First: white beads, 4.

Step 2 Second: blue beads, 7.

Step 3 Write 4 : 7.

Answer 4 : 7

TRY IT WITH HELP

fill in each step

1. A recipe uses 3 lemons for every 2 cups of syrup. Write lemons to syrup.

Step 1 First: lemons, _____.

Step 2 Second: syrup, _____ cups.

Step 3 Ratio: _____ : _____

2. A team has 5 coaches for every 8 players. Write players to coaches.

Step 1 First: players, _____.

Step 2 Second: coaches, _____.

Step 3 Ratio: _____ : _____

YOUR TURN

use the steps on your own

3. Write each ratio in the order the words give it.

a. 4 red cars to 7 blue cars: _____

b. 11 apples for every 3 pears: _____

c. 2 cups milk per 5 cups flour: _____

d. 8 dogs for every 5 cats: _____

e. 3 laps every 2 minutes: _____

f. 1 coach for every 9 players: _____

Find a Unit Rate

Builds on Lesson 3-2 Session 1 · 6.RP.A.2

TODAY'S LESSON	You will scale 18 notebooks for 6 students down to 1 student.
YOU NEED TO	Find the amount for 1 group, like 96 ÷ 8 = 12 pages per minute. **You will use it in Practice Form A, problem 4.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **total** and the number of groups.
2. **Divide** the total by the number of groups.
3. **Write** the answer as an amount per 1 group.

WATCH ME

the steps in action

A printer prints 96 pages in 8 minutes. How many pages does it print per minute?

Step 1 Total: 96 pages. Groups: 8 minutes.

Step 2 Divide: 96 ÷ 8 = 12.

Step 3 12 pages per minute.

Answer **12 pages per minute**

TRY IT WITH HELP

fill in each step

4. A car goes 42 miles in 6 hours. Find the miles per hour.

Step 1 Total: _____ miles. Groups: _____ hours.

Step 2 Divide: 42 ÷ 6 = _____.

Step 3 _____ miles per hour.

5. 4 tickets cost $36. Find the cost per ticket.

Step 1 Total: $_____. Groups: _____ tickets.

Step 2 Divide: 36 ÷ 4 = _____.

Step 3 $_____ per ticket.

YOUR TURN

use the steps on your own

6. Find each unit rate.

a. 56 seeds in 7 pots: _____

b. 120 pages in 5 days: _____

c. 30 balls in 5 bags: _____

d. $90 for 6 hours: _____

READY CHECK

a problem like the one in today's lesson

7. A bakery makes 84 rolls in 4 hours. What is the unit rate?

A 80 rolls per hour

B 88 rolls per hour

C 21 rolls per hour

D 336 rolls per hour

CHECK YOURSELF ☐ I can do this on my own ☐ I need a little help ☐ I have a question about #____