Name_____ Date_____ Period_____

LESSON 3-4 · SESSION 2 · PREREQUISITE PRACTICE B · SKILL 1 OF 2

Use a Unit Rate

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

TODAY'S LESSON	You will use $9 per driveway to find the pay for 11 driveways.
YOU NEED TO	Use the amount for 1 to find a total, like 12 m × 8 = 96 m. **You will use it in Practice Form A, problems 4 and 5.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **unit rate**: the amount for 1.
2. Find the **number** of units.
3. **Multiply**: number × unit rate.

WATCH ME

the steps in action

A rider goes 14 km each hour. How far does she go in 6 hours?

Step 1 Unit rate: 14 km per hour.

Step 2 Number of hours: 6.

Step 3 6 × 14 = 84 km.

Answer **84 km**

TRY IT WITH HELP

fill in each step

1. Ann earns $12 per hour. How much does she earn in 5 hours?

Step 1 Unit rate: $_____ per hour.

Step 2 Number of hours: _____.

Step 3 5 × 12 = $_____.

2. A printer prints 8 pages per minute. How many pages in 9 minutes?

Step 1 Unit rate: _____ pages per minute.

Step 2 Number of minutes: _____.

Step 3 9 × 8 = _____ pages.

YOUR TURN

use the steps on your own

3. Find each total.

a. 15 miles per gallon, 4 gallons: _____

b. 6 eggs per box, 11 boxes: _____

c. 25 words per minute, 6 minutes: _____

d. 12 km per hour, 8 hours: _____

Graph Ratios as Ordered Pairs

Builds on Lesson 3-4 Session 1 · 6.RP.A.3a

TODAY'S LESSON	You will find the point for 8 seconds on a line through (1, 12).
YOU NEED TO	Write a ratio pair as a point, like 4 vases and 12 flowers is (4, 12). **You will use it in Practice Form A, problems 5 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. Pick the **x-value** you need.
2. **Multiply** x by the amount for 1 to get y.
3. **Write** the point as (x, y).

WATCH ME

the steps in action

Each vase holds 3 flowers (x = vases, y = flowers). Find the point for 4 vases.

Step 1 x = 4.

Step 2 y = 4 × 3 = 12.

Step 3 The point is (4, 12).

Answer (4, 12)

TRY IT WITH HELP

fill in each step

4. Each pack has 4 cards (x = packs, y = cards). Find the point for 7 packs.

Step 1 x = _____.

Step 2 y = 7 × 4 = _____.

Step 3 The point is (_____, _____).

5. A line passes through (1, 9). Find the point for x = 5.

Step 1 x = _____.

Step 2 y = 5 × 9 = _____.

Step 3 The point is (_____, _____).

YOUR TURN

use the steps on your own

6. Each team has 5 players (x = teams, y = players). Write the point for:

a. 1 team: _____ **b.** 2 teams: _____ **c.** 4 teams: _____

d. 6 teams: _____ **e.** 9 teams: _____ **f.** 10 teams: _____

READY CHECK

a problem like the one in today's lesson

7. A line passes through (1, 7). Which point is also on it?

A (3, 10) **B** (7, 1) **C** (3, 21) **D** (2, 9)

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