Name_____ Date_____ Period_____

LESSON 3-5 · SESSION 2 · PREREQUISITE PRACTICE B · SKILL 1 OF 2

Compare Unit Prices

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

TODAY'S LESSON	You will compare 5 sessions for $42.50 with 8 sessions for $66.40.
YOU NEED TO	Find the price for 1, then compare, like $9.00 ÷ 4 = $2.25. **You will use it in Practice Form A, problems 5 and 6.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Divide** price by quantity for the first deal.
2. **Divide** price by quantity for the second deal.
3. The **lower** price for 1 is the better buy.

WATCH ME

the steps in action

Which is the better buy: 4 lb for $9.00 or 6 lb for $12.60?

Step 1 $9.00 ÷ 4 = $2.25 per lb.

Step 2 $12.60 ÷ 6 = $2.10 per lb.

Step 3 $2.10 is lower. 6 lb for $12.60 is the better buy.

Answer **6 lb for $12.60**

TRY IT WITH HELP

fill in each step

1. Deal A: 3 pens for $2.40. Deal B: 5 pens for $3.50. Which is the better buy?

Step 1 $2.40 ÷ 3 = $_____.

Step 2 $3.50 ÷ 5 = $_____.

Step 3 The better buy is Deal _____.

2. Deal A: 4 cans for $3.00. Deal B: 10 cans for $8.00. Which is the better buy?

Step 1 $3.00 ÷ 4 = $_____.

Step 2 $8.00 ÷ 10 = $_____.

Step 3 The better buy is Deal _____.

YOUR TURN

use the steps on your own

3. Find the price for 1.

a. $6.00 for 4: _____ **b.** $7.20 for 6: _____ **c.** $9.00 for 5: _____

d. $4.50 for 9: _____ **e.** $10.80 for 12: _____ **f.** $15.60 for 3: _____

Compare Ratios with Common Terms

Builds on Lesson 3-5 Session 1 · 6.RP.A.3b

TODAY'S LESSON	You will scale both arcade games to 30 tokens, then compare the tickets.
YOU NEED TO	Make one term the same, then compare the other term. **You will use it in Practice Form A, problems 2 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. Pick a **common number** for the matching terms.
2. **Scale** each ratio to that number.
3. **Compare** the other terms.

WATCH ME

the steps in action

Mix A has 2 scoops of cocoa to 5 cups of milk. Mix B has 3 scoops to 7 cups. Which is more chocolatey?

Step 1 Cocoa is 2 and 3. Use 6.
Step 2 A: 6 : 15. B: 6 : 14.
Step 3 Same cocoa, but B has less milk. B is more chocolatey.
Answer **Mix B**

TRY IT WITH HELP

fill in each step

4. Game A: 2 tokens for 5 tickets. Game B: 3 tokens for 8 tickets. Which gives more tickets?

Step 1 Common number of tokens: _____.
Step 2 A: 6 : _____. B: 6 : _____.
Step 3 Game _____ gives more tickets.

5. Team 1 wins 3 of 4 games. Team 2 wins 2 of 3 games. Which wins more often?

Step 1 Common number of games: _____.
Step 2 Team 1: _____ : 12. Team 2: _____ : 12.
Step 3 Team _____ wins more often.

YOUR TURN

use the steps on your own

6. Scale both ratios to the same first term.

a. 1 : 4 and 2 : 7 _____

b. 3 : 5 and 2 : 3 _____

c. 4 : 9 and 6 : 13 _____

d. 5 : 8 and 3 : 5 _____

READY CHECK

a problem like the one in today's lesson

7. Which is stronger: 2 scoops of cocoa to 5 cups of milk, or 3 scoops to 8 cups?

A 3 to 8 **B** 2 to 5 **C** the same **D** cannot tell

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