

Lesson 3-5 • Group 1

Reinforce Understanding

3.5 Small Group • Group 1

With my small group, I can compare ratios by finding unit rates or using equivalent ratios — one step at a time, with support.

Worked model

Mix P is 2 cocoa to 5 milk. Mix Q is 3 cocoa to 7 milk. Which is more chocolatey?

1. Pick the quantity to match — cocoa. Find the LCM of 2 and 3 $\rightarrow$ 6.
2. Scale Mix P. $\times 3 \rightarrow$ 6 cocoa : 15 milk
3. Scale Mix Q. $\times 2 \rightarrow$ 6 cocoa : 14 milk
4. Same cocoa, so compare the milk. LESS milk = more chocolatey.

Answer: Mix Q is more chocolatey: for 6 cocoa it has only 14 milk.

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. Find the unit rate for each option to compare them.

Complete the table. Show how you found each value.

Option	Ratio	Unit Rate
Juice A	6 oz for 2 servings	3 oz per serving
Juice B	10 oz for 4 servings	
Juice C	9 oz for 3 servings	

Show your work

2. Match each scenario to the correct answer: Which ratio is greater?

Write the name of the correct group on each line.

Groups: Correct Comparison Incorrect Comparison

- _____ 5:6 vs. 7:9 $\rightarrow$ 5:6 is greater
- _____ 2:3 vs. 4:6 $\rightarrow$ they are equal
- _____ 1:4 vs. 2:5 $\rightarrow$ 2:5 is greater
- _____ 3:7 vs. 2:5 $\rightarrow$ 2:5 is greater
- _____ 4:5 vs. 3:4 $\rightarrow$ 3:4 is greater
- _____ 1:2 vs. 3:4 $\rightarrow$ they are equal