

LESSON
7-1

Ratios, Rates, Tables, and Graphs

Practice and Problem Solving: A/B

Use the table to complete Exercises 1–7.

The table shows information about the packets of flavoring added to an amount of water to make soup.

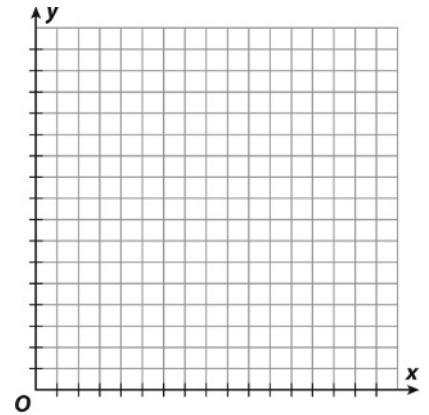
Packets of Flavoring	2	5		10	
Ounces of Water	24		84		144

- Find the rate of ounces of water needed for each packet of flavoring. Show your work.

$$\frac{\text{ounces of water}}{\text{packets of flavoring}} = \underline{\hspace{2cm}}$$

- Use the unit rate to help you complete the table.
- Graph the information in the table.
- How much water should be added to 23 packets of flavoring?

- Does the point (9.5, 114) make sense in this context? Explain.



- What are the equivalent ratios shown in the table? Complete the statement.

$$\frac{24}{2} = \frac{\quad}{3} = \frac{\quad}{5.5} = \frac{108}{\quad} = \frac{\quad}{15}$$

- Does the relationship shown use addition or multiplication? Explain.
