More Part-Part-Whole

Ratios & Rates

Name: _____ Date: _____ Grade 6

Problems 1–2: Pizza dough is made from 3 parts flour and 1 part water.

1. **How much flour is needed to make 32 ounces of dough?** _____

2. **How much water is needed to make 32 ounces of dough?** _____

Problems 3–4: Trail mix is made from 4 parts nuts and 5 parts raisins.

3. **How many ounces of nuts are needed to make 45 ounces of trail mix?** _____

4. **How many ounces of raisins are needed to make 45 ounces of trail mix?** _____

Problems 5–6: One batch of green paint uses 4 teaspoons of yellow paint for every 6 teaspoons of blue paint.

5. **Complete the table to show the yellow and blue paint needed for each amount of green paint.**

Yellow Paint (tsp)	Blue Paint (tsp)	Green Paint (tsp)
4	6	10
		5
		25
		50

6. **Lena made 15 teaspoons of green paint using 5 teaspoons of yellow paint. Is Lena using the same recipe? Explain your thinking.**

More Part-Part-Whole

continued

7. **A summer camp has 1 counselor for every 6 campers. There are 91 counselors and campers in all. How many counselors and how many campers are there? Show or explain your thinking.**

8. **A museum requires 2 adult chaperones for every 9 students. A teacher buys 66 tickets in all. How many tickets are for adults and how many are for students? Show or explain your thinking.**

9. **A fruit salad uses 3 cups of melon for every 2 cups of grapes. Dev wants to make 20 cups of fruit salad. He says he needs 12 cups of melon and 8 cups of grapes. Is Dev correct? Explain your thinking.**