Name

Reteaching

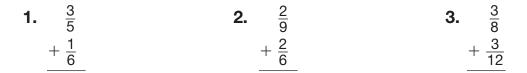
Adding Fractions with Unlike Denominators

Danisha ate $\frac{2}{3}$ cup of yogurt at breakfast. She ate $\frac{1}{4}$ cup of yogurt at lunch. How much yogurt did she eat today?

You can add fractions with unlike denominators.

Step 1: Find the least common	Step 2: Once you have equivalent	Step 3: Place the sum over
denominator of the two fractions.	fractions with the same	the common denominator and
	denominator, add the numerators.	simplify your fraction if possible.
multiples of 3: 3, 6, 9,/12,)15		
multiples of 3: 3, 6, 9,/12,15 multiples of 4: 4, 8, 12,/16, 20	8 + 3 = 11	Danisha ate $\frac{11}{12}$ cup of yogurt
		today.
$\frac{2}{3} = \frac{8}{12}$ and $\frac{1}{4} = \frac{3}{12}$	So, $\frac{8}{12} + \frac{3}{12} = \frac{11}{12}$.	

For 1 through 5, find each sum. Simplify if possible.



4.
$$\frac{1}{4} + \frac{1}{6} + \frac{3}{4} =$$
 5. $\frac{2}{9} + \frac{1}{9} + \frac{1}{6} =$

- **6.** Kevin and some friends baked different loaves of bread and cut them into different numbers of slices. They ate $\frac{1}{4}$ of one loaf, $\frac{1}{4}$ of another, $\frac{5}{12}$ of another, and $\frac{1}{12}$ of another. Did they eat the equivalent of a whole loaf?
- 7. Cathy wakes up at 7:00 A.M. each morning. She spends $\frac{1}{10}$ hour making her bed, $\frac{1}{5}$ hour eating breakfast, and $\frac{1}{2}$ hour getting ready for school. How long does Cathy spend doing these things each morning?

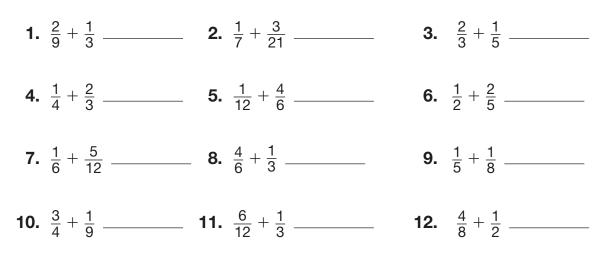
Name

Practice

9-7

Adding Fractions with Unlike Denominators

Find each sum. Simplify if necessary.



Jeremy collected nickels for one week. He is making stacks of his nickels to determine how many he has. The thickness of one nickel is $\frac{1}{16}$ inch.

- 13. How tall is a stack of 16 nickels?
- **14.** What is the combined height of 3 nickels, 2 nickels, and 1 nickel?

15. What is the sum of $\frac{5}{30} + \frac{4}{6}$? **A** $\frac{5}{6}$ **B** $\frac{7}{9}$ **C** $\frac{2}{3}$ **D** $\frac{9}{12}$ **16.** How do you rename $\frac{2}{5}$ so you can add it to $\frac{11}{25}$? What is the sum?

