

NAME \_\_\_\_\_

DATE \_\_\_\_\_

**Bakery Bundles** page 1 of 2

- 1 Rachel owns a bakery and sells cookies by the dozen. She sold 16 dozen cookies on Monday. How many cookies did Rachel sell? Show your work.
  
  
  
  
  
  
  
  
  
  
- 2 For each dozen cookies, Rachel used  $1\frac{1}{2}$  cups of milk. How many cups of milk did she use for 16 dozen cookies? Show your work.
  
  
  
  
  
  
  
  
  
  
- 3 A customer ordered 28 cupcakes. What are all the different rectangular arrangements Rachel could use to package the cupcakes? Use labeled sketches to show the possible arrangements below.
  
  
  
  
  
  
  
  
  
  
- 4 Rachel's assistant says that  $\frac{3}{5}$  cup of oil is more than  $\frac{2}{3}$  cup of oil. Is he correct? Explain your reasoning.

*(continued on next page)*

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**Bakery Bundles** page 2 of 2

- 5 Rachel uses  $\frac{4}{5}$  cup of cocoa for her brownies. Write two fractions that are equivalent to  $\frac{4}{5}$ .
- 6 A large order of 240 cookies was placed. How many cookies would go in each box if Rachel put them in the different numbers of boxes listed below? Show your work for each.

<b>a</b> 24 boxes?	<b>b</b> 12 boxes?	<b>c</b> 6 boxes?

- 7 **CHALLENGE** Rachel had  $\frac{1}{4}$  gallon of milk left in her bakery. She needed to make 4 desserts for an order that afternoon. Use the table to help Rachel decide which dessert she can make 4 of with the milk she has left. Use equations, labeled sketches, or words to prove that your choice will work.

Dessert	Milk needed
Oatmeal Cookies	2 cups
Banana Pie	8 fluid ounces
Apple Cake	12 fluid ounces
Brownies	$2\frac{1}{2}$ cups
Lemon Squares	14 fluid ounces
Shortbread Cookies	16 fluid ounces
Cobbler	$1\frac{1}{2}$ cups