Name _.	Date	Dividing

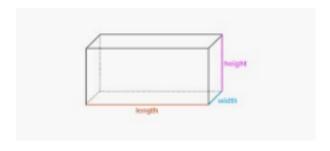
Fractions Study Guide

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1. Select all the numbers that are common multiples of 3 and 5.		
a. 1		
b. 3		
c. 15		
d. 21		
e. 30		
f. 40		
g. 60		
2. Jada made 6 cups of blueberry jam and divided the jam equally among 4 containers. How much jam went in each container?		
a. ² / ₃ of a cup		
b. 1 cup		
c. 3/2 of a cup		
d. 24 cups		
3. A recipe requires $\frac{1}{4}$ cups of milk. Marianna has 1 cups of milk and would $\frac{3}{4}$ like to use as much as she can. How many times can she make this recipe?		
4. A recipe for cookies calls for $\frac{2}{3}$ of a cup of sugar per batch. Elena used 5 $\frac{1}{3}$ cups of sugar to make multiple batches of cookies. How many batches did she make?		

5. Divide. Use common denominators or KCF. Show your work.

a)
$$\frac{3}{4} \div \frac{1}{3}$$
 b) $4^{2}/_{3} \div \frac{3}{2}$

6. How many ½ inch cubes can fit inside a prism that is 3 ½in long, by 2 ½in wide, by 6 in deep?



- a.) 24 cubes
- b.) 36 cubes
- c.) 840 cubes
- d.) 420 cubes
- 7. A flower box is 3 feet long, 1 ¾ feet wide, and ½ feet deep. What is the volume of the flower box in cubic feet?
- 8. Peter has a trunk that he keeps his most important possessions in. The length is 8/3 inches, the width is 15/4 inches, and the height is 3/2 inches. What is the volume of the trunk?