Lesson 37: Quiz 2 - Mixed Review of Fractions in Problem Solving

Try this mixed review of word problems using fractions.

Directions: Try this mixed review of word problems using fractions.

NOTE: In fraction language, "of" means multiply!

Here is an example:

Cecilia lives 7/8 of a mile from her job. If she walks 1/2 of the way before she gets a ride how far has she walked?

\[
\frac{7}{8} \times \frac{1}{2} = \frac{7}{16} \text{ of a mile.}
\]

Remember to use the slash key(\/) to separate the numerator and denominator for your answer. For our example, you would record your answer as 7/16.

1) Find \( \frac{3}{4} \) of \( \frac{2}{3} \) (Do not forget to reduce to lowest terms if possible.)

Answer: ______

2) Jaques is preparing a recipe that requires 11/12 of a cup of milk. If he only has 1/3 of cup of milk, how much more milk does he need for this recipe?

Answer: ______

3) Julie needs to read a novel for English class. Over the weekend she read 2/3 of the book. Last night she read 1/5 of the book. How much has she read in all?

Answer: ______

4) Maria is making skirts for the performers in her daughter's play. Each skirt requires 3/8 yard of fabric. She has 2 yards of fabric and needs to make 5 skirts. Will she have enough fabric?

Select one:
   a) True
   b) False
5) In the question above, how much fabric will she use in total?

   Answer: ______

6) Maria added 1/4 cup of milk into the muffin batter. She realized that she actually needs 3/4 cup of milk. How much more milk does she need to add to the batter?

   Answer: ______

7) Juan walks a lot on his job. On Monday, Wednesday and Friday he walks 7/8 of a mile each day. On Tuesday and Thursday he walks 3/8 of a mile each day. What is the total number of miles he walks during his work week? Record your answer as a mixed number.

   Answer: ______