

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Ramil and Carly collected the honey from 4 of his beehives. From the first hive they collected  $\frac{1}{3}$  gallon of honey.  
The last three hives yielded  $\frac{1}{4}$  gallon each.
- a. How many gallons of honey did Ramil and Carly collect in all? Draw a diagram to support your answer.

- b. After using some of the honey they collected for baking, they found that they only had  $\frac{3}{4}$  gallon of honey left. How much honey did they use for baking? Support your answer using a diagram, numbers, and words.

- c. With the remaining  $\frac{3}{4}$  gallon of honey, Ramil and Carly decided to bake some loaves of bread and several batches of cookies for their school bake sale. The bread needed  $\frac{1}{7}$  gallon of honey and the cookies needed  $\frac{1}{4}$  gallon. How much honey was left over? Support your answer using a diagram, numbers, and words.
- d. Ramil and Carly decided to make more baked goods for the bake sale. They used  $\frac{1}{7}$  lb less flour to make bread than to make cookies. She used  $\frac{1}{5}$  lb more flour to make cookies than to make brownies. If she used  $\frac{1}{2}$  lb of flour to make the bread, how much flour did she use to make the brownies? Explain your answer using a diagram, numbers, and words.