

Name _____

Date _____

1. Hannah collected the honey from 4 of her beehives. From the first hive she collected $\frac{2}{3}$ gallon of honey. The last two hives yielded $\frac{2}{4}$ gallon each.

a. How many gallons of honey did Hannah collect in all? Draw a diagram to support your answer.

- b. After using some of the honey she collected for baking, Hannah found that she only had $\frac{3}{5}$ gallon of honey left. How much honey did she use for baking? Support your answer using a diagram, numbers, and words.

- c. With the remaining $\frac{3}{5}$ gallon of honey, Hannah decided to bake some loaves of bread and several batches of cookies for her school bake sale. The bread needed $\frac{1}{5}$ gallon of honey and the cookies needed $\frac{1}{5}$ gallon. How much honey was left over? Support your answer using a diagram, numbers, and words.

- d. Hannah decided to make more baked goods for the bake sale. She 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 $\frac{1}{3}$ 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.