

Math Task Help Sheet

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

1. How many gallons of honey did Lila collect **in all**? Draw a diagram to support your answer.
 - Remind them that the last TWO hives each had $\frac{1}{4}$ gallon of honey so they'll have to add $\frac{1}{4}$ twice.
2. After using some of the honey she collected for baking, Lila found that she only had $\frac{3}{4}$ gallon of honey **left**. How much honey did she use for baking? Support your answer using a diagram, numbers, and words.
 - They will have to use their answer from number 1 for this one.
 - You can say, "If you had 7 pieces of candy, then I ate some, and you had 3 pieces after I was done, how do you know how many pieces I ate?" They'll be able to determine they have to take 3 away from 7 to get 4. They'll use the same exact process with the answer from number 1 and the amount left over from number 2.
3. With the remaining $\frac{3}{4}$ gallon of honey, Lila decided to bake some loaves of bread and several batches of cookies for her school bake sale. The bread needed $\frac{1}{6}$ 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.
 - "How much honey did she use for the bread and the cookies together?"
 - "If she uses that honey to bake with, she doesn't have it anymore. If she doesn't have it anymore than would you add it to what you had or would you be taking it away?"
 - Remind them that you can't add or subtract until you have like denominators.

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4. Lila decided to make more baked goods for the bake sale. She used $\frac{1}{8}$ lb **less** flour to make bread than to make cookies. She used $\frac{1}{4}$ 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.

- This is a standalone problem unrelated to information from the past parts of this word problem
- Pull all of the information out of the problem first
 - Cookies = Bread + $\frac{1}{8}$
 - Bread used LESS flour than Cookies
 - Brownies = Cookies - $\frac{1}{4}$
 - Cookies used MORE flour than Brownies
 - Bread = $\frac{1}{2}$
 - You can plug the amount of flour for bread into the equation for cookies because we already know the value.