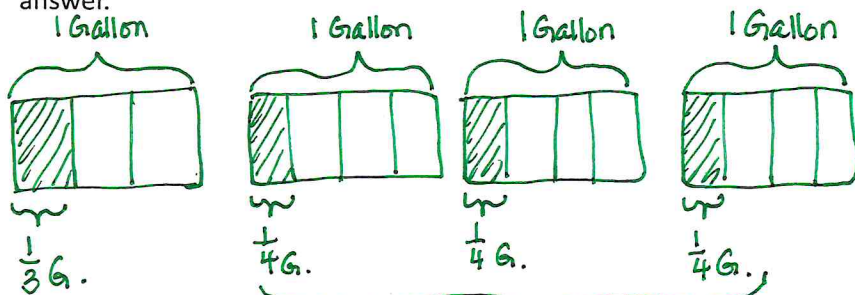


Name \_\_\_\_\_

Date 12/16/19

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 fraction model to support your answer.

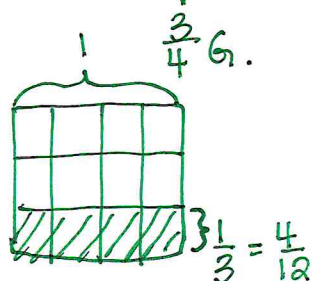
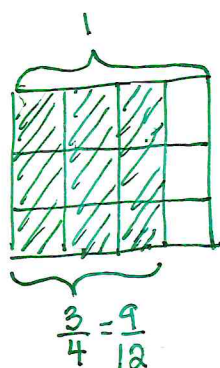


$$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{3}{4}$$

$$\frac{3}{4} + \frac{1}{3} = \frac{9}{12} + \frac{4}{12}$$

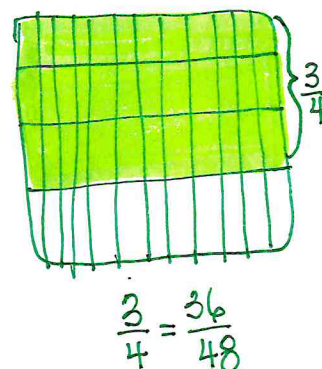
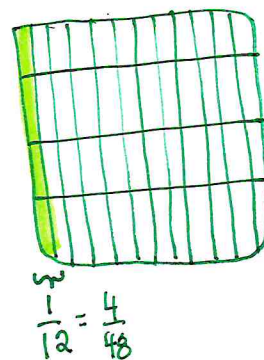
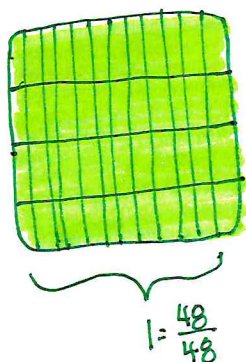
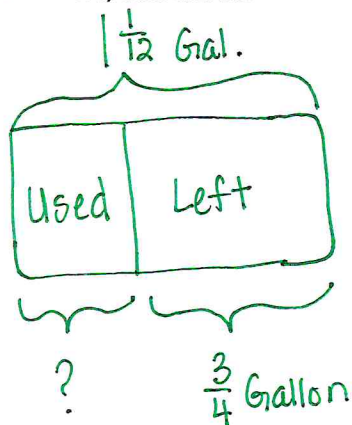
$$= \frac{13}{12}$$

$$= 1\frac{1}{12}$$



They collected  $1\frac{1}{12}$  Gallons of honey.

- 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 fraction model, numbers, and words.



$$\frac{48}{48} + \frac{4}{48} = \frac{52}{48}$$

$$\frac{52}{48} - \frac{36}{48} = \frac{16 \div 16}{48 \div 16} = \frac{1}{3}$$