Name ⟨KEY⟩ # _____ Rm _____
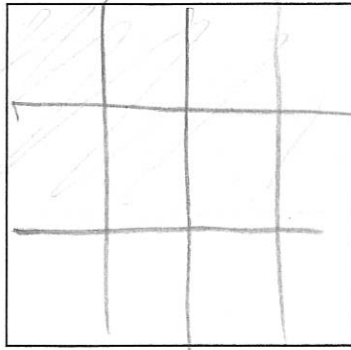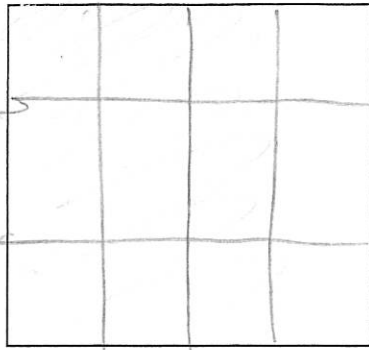
The cowboy used a 3/4 yard piece of rope as a bridle for his horse. He used a 2/3 yard piece of rope to fix one of his stirrups. How much rope did he use in all?
Solve. Draw a picture, and write the number sentence that proves the answer.

Write the number sentence you would use to solve this:

$$\frac{3}{4} + \frac{2}{3}$$

Your drawings should show the equivalent fractions

Rewrite the number sentence with the equivalent fractions and the answer:

$$\frac{9}{12} + \frac{8}{12} = \frac{17}{12} = 1\frac{5}{12}$$

Jess is tracking how much water he is drinking. He drank 4/5 of a liter during lunch. At dinner, he only drank 1/4 of a liter. How much more water did Jess drink at lunch?
Solve. Draw a picture, and write the number sentence that proves the answer.
Write the number sentence you would use to solve this:

$$\frac{4}{5} - \frac{1}{4}$$

Your drawings should show the equivalent fractions

Rewrite the number sentence with the equivalent fractions and the answer:
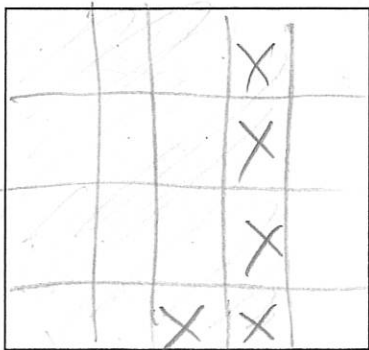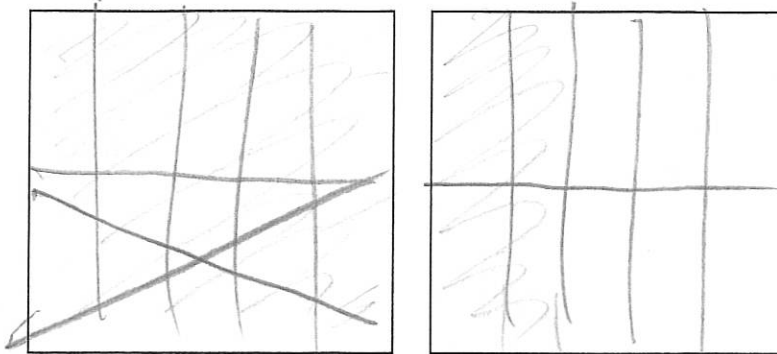
$$\frac{16}{20} - \frac{5}{20} = \frac{11}{20}$$

Sally had a piece of string that was 1 2/5 feet. She used ½ foot of his string to make a necklace. How much string does she have left?

Solve. Draw a picture, and write the number sentence that proves the answer. Simplify your answer, if possible.

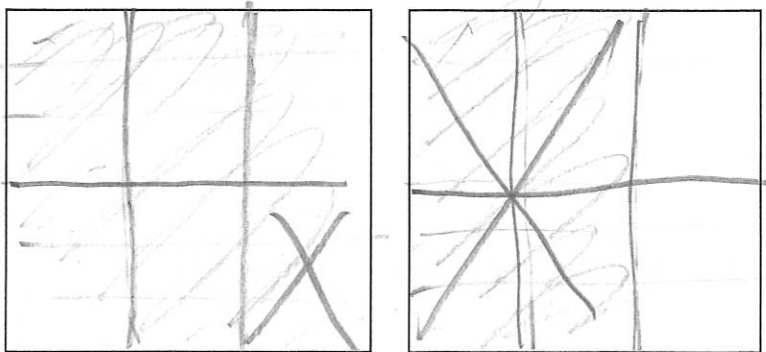*Hint: Only draw the number you are subtracting from*

$$\frac{14}{10} - \frac{5}{10} = \frac{9}{10}$$

Pierre jogged 1 2/3 miles. William jogged 5/6 miles. How much further did Pierre jog than William?

Solve . Draw a picture, and write the number sentence that proves the answer.

Hint: Only draw the number you are subtracting from

$$1\frac{2}{3}\times\frac{6}{6} = 1\frac{12}{18} = \frac{30}{18}$$

$$\frac{5\times3}{6\times3} = \frac{15}{18}$$

$$\frac{15}{18} = \frac{5}{6}$$

$$\frac{5}{3} = \frac{10}{6} - \frac{5}{6} = \frac{5}{6}$$

Sam drives 12 miles to get to the nearest In-and-Out Burger restaurant. Devon only has to drive 4 3/5 miles to get to one. What is the difference between the distances Sam and Devon have to drive to get their favorite hamburger?

Use computation to solve. If you regroup, *show the equivalent mixed number that is created.*

$$12 \rightarrow 11\frac{5}{5}$$

$$-4\frac{3}{5} \quad -4\frac{3}{5}$$

$$7\frac{2}{5}$$

Tom made a hamburger that weighed 4 ¼ lbs. He tried to eat it all, but could not. When he stopped eating, there was 1 ½ lb. left. How much was Tom able to eat?

Use computation to solve. If you regroup, *show the equivalent mixed number that is created.*

$$4\frac{1}{4} \quad 4\frac{1}{4} \rightarrow 3\frac{5}{4}$$

$$-1\frac{1\times2}{2\times2} \quad 1\frac{2}{4} \quad -1\frac{2}{4}$$

$$2\frac{1}{2} = 1\frac{}{} \qquad 2\frac{3}{4}$$

$$-\frac{2}{2}$$

Tom used ¼ of his morning time to get dressed, brush his teeth, and comb his hair. He uses 2/6 of his time eating a bowl of cereal. What fraction of time does he have left?
Solve. Draw a picture, and write the number sentence that proves the answer.
Hint: Use the same steps as the last two problems. This is a two-step problem
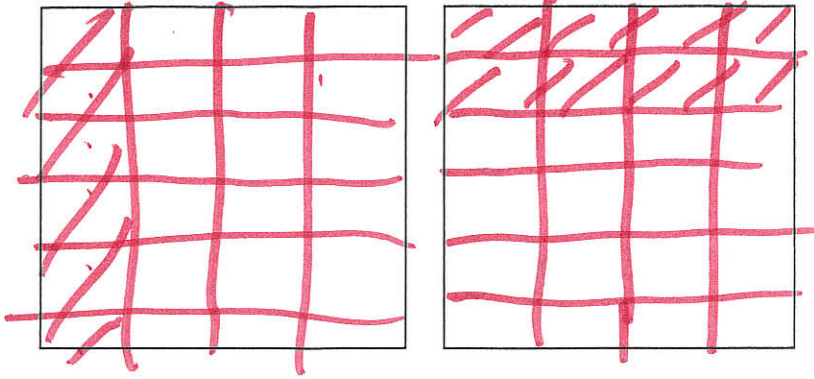
$$\frac{1}{4} \qquad \frac{3}{12}$$

$$\frac{2}{6} \qquad \frac{4}{12}$$

$$1 - \frac{7}{12} =$$

$$\frac{24}{24} - \frac{14}{24} = \frac{10}{24} = \frac{5}{12}$$

$$\frac{12}{12} - \frac{7}{12} = \frac{5}{12}$$

Kyle played in 4/5 of his team's game in March. If his team played 20 games in March, how many games did he play in?
Solve . Draw a picture, and write the number sentence that proves the answer.

$$\frac{4}{5} \times 20 = \frac{80}{5} = 16 \text{ games}$$

$$\begin{array}{r} 16 \\ 5\overline{)80} \\ \underline{5} \\ 30 \end{array}$$