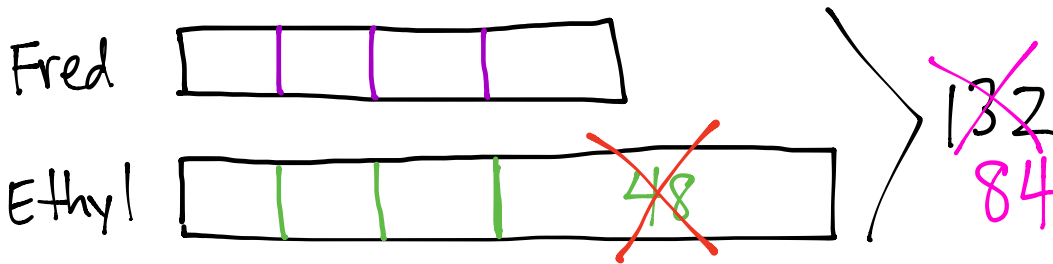Name _____   Date _____

1. Fred and Ethyl had 132 flowers altogether at first. After Fred sold $\frac{1}{4}$ of his flowers and Ethyl sold 48 of her flowers, they had the same number of flowers left. How many flowers did each of them have at first?

Fred

Ethyl   48 ~~132~~

84

$$132 - 48 = 84$$

$$7 \text{ units} = 84$$

$$1 \text{ unit} = 12$$

$$\begin{array}{r} 12 \\ 7\overline{)84} \\ -7 \\ \hline 14 \\ -14 \\ \hline 0 \end{array}$$

Fred = 12×4 = 48 flowers

Ethyl = $12 \times 3 + 48 = 36 + 48 =$ 84 flowers

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Lesson 25:   Make sense of complex, multi-step problems, and perservere in solving them. Critique and share peer solutions..

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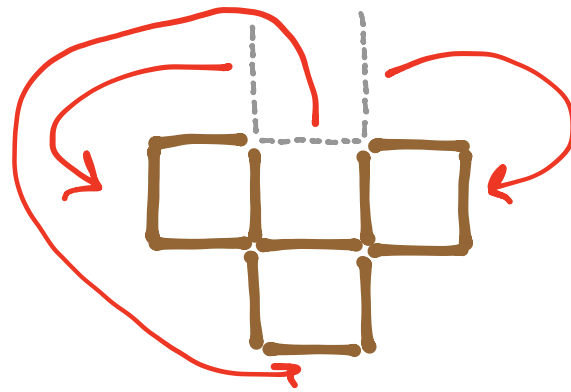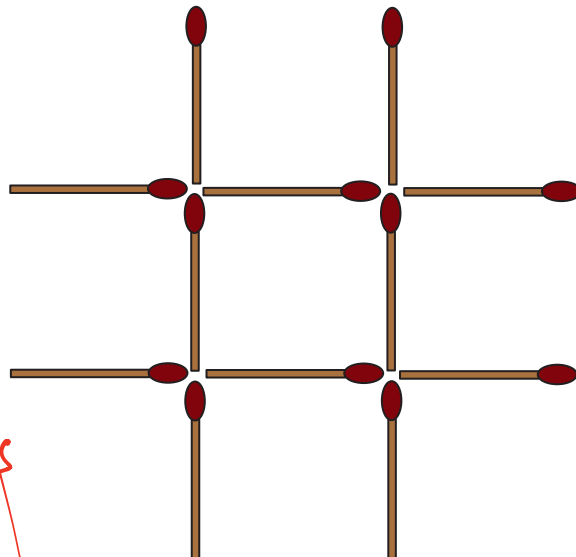
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The following problems are puzzles for your enjoyment. They are intended to encourage working together and family problem-solving fun. They are not a required element of this homework assignment.

2. Without removing any, move 2 matchsticks to make 4 identical squares. Which matchsticks did you move? Draw the new shape.
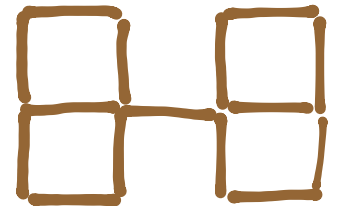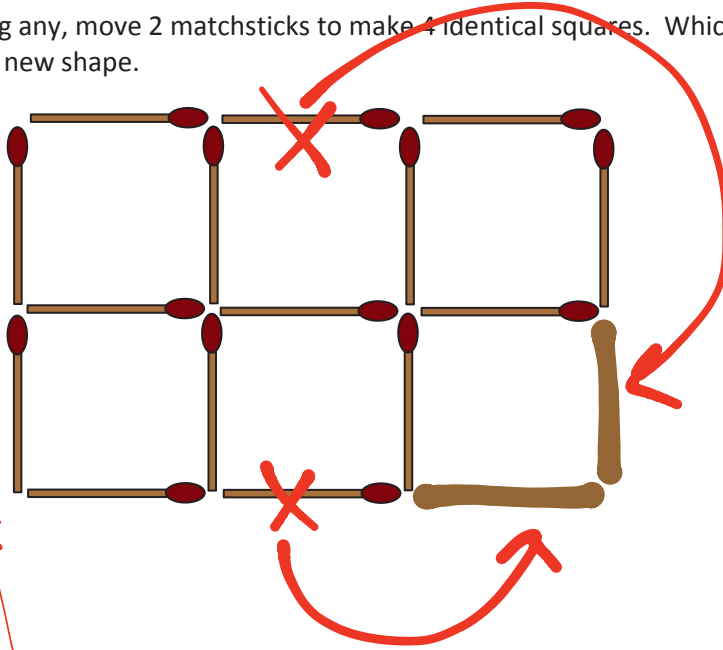
other solutions are possible

3. Move 3 matchsticks to form exactly (and only) 3 identical squares. Which matchsticks did you move? Draw the new shape.

other solutions are possible

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Lesson 25: Make sense of complex, multi-step problems, and perservere in solving them. Critique and share peer solutions..

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