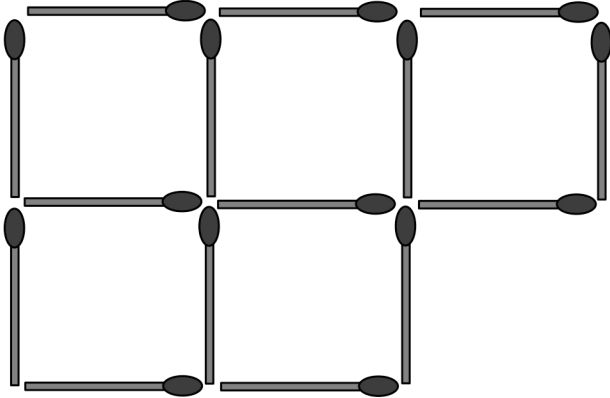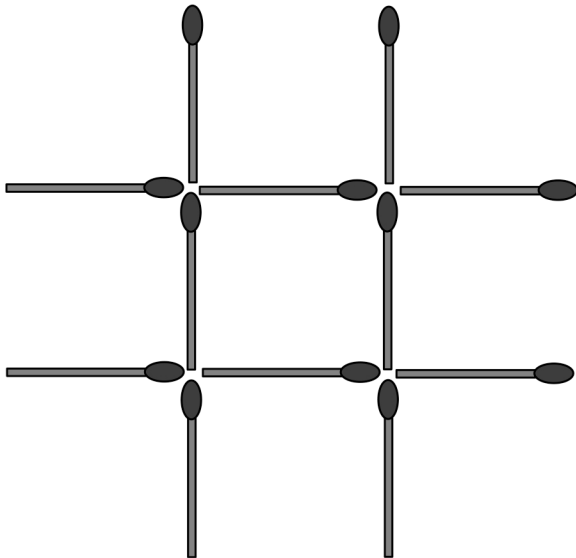Name _____     Date _____

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?

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.

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



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

Answer Key

1.  Fred:  48 flowers; Ethyl:  84 flowers
2.  Answers will vary.
3.  Answers will vary