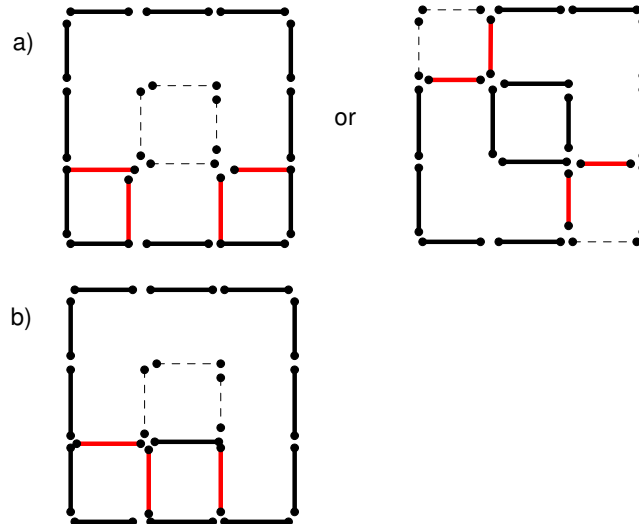
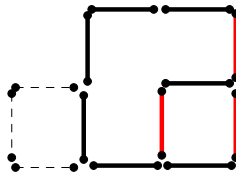


In the diagrams below, the dashed lines are the matchsticks that are moved, and the red lines are where the matchsticks are moved to.

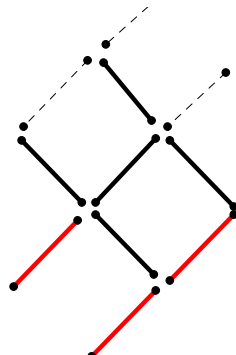
1. We can see after forming the shapes in part (a), we have 2 little red squares in a big square, or we have one little square in two medium sized squares. In part (b), we have 2 little red squares in a big square.



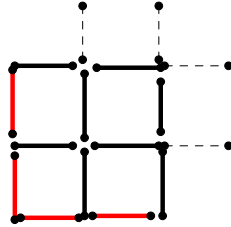
2. We will make two squares by making a small one inside a larger one.



3. See diagram below.



4. We make five squares by making four squares arranged in a square formation, so we have 4 little squares and 2 big square.



5. This problem is a trick, so I counted it as a bonus point. We can make the image say 4  $\triangle$ , get it? Four triangles? Haha!

