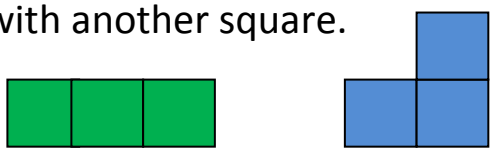
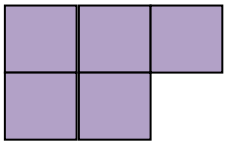
Crazy Fives! Directions

There are only 2 ways to join 3 squares so that each square shares at least one side with another square.



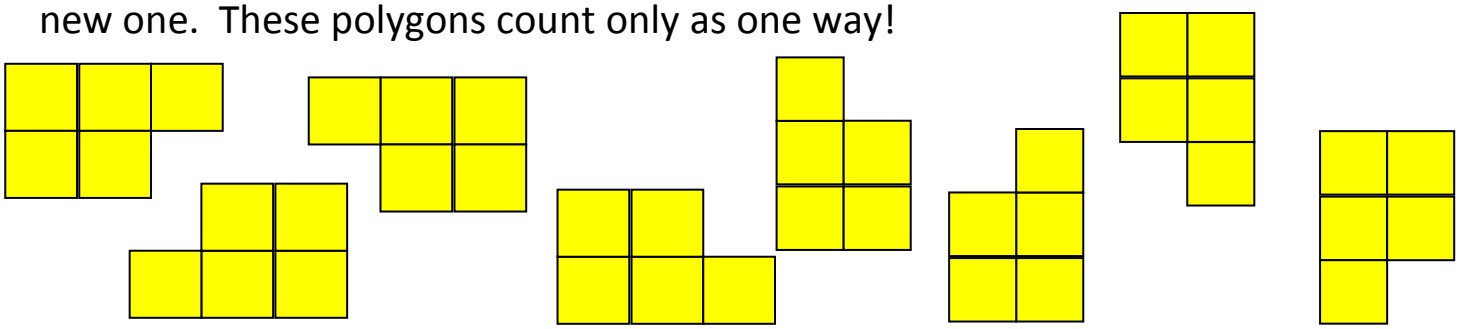
There are MANY ways to join 5 squares so that each square shares at least one side with another square, and all the squares are together.

Here is one way to do it.



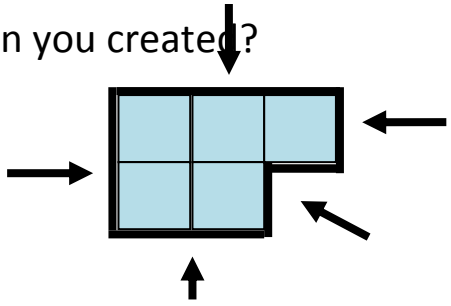
Use the square-inch tiles to create all the different ways you can put 5 squares together so that each square shares a side with at least one other square

Note: If you just flip or turn one of your shapes, this does not count as a new one. These polygons count only as one way!



Then draw the different ways on the grid paper. Color the different shapes so they are easier to see. Then outline the shapes with a marker. Can you identify the new polygon you created?

Outline your new shape. What is your new shape?



Grid Paper