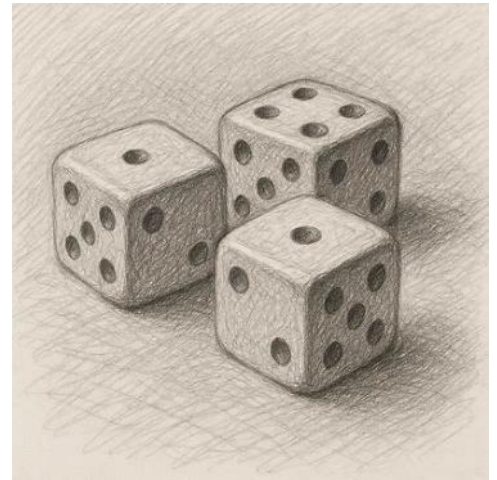# Area Battle

Materials:

- 2 dice (six sided or more)

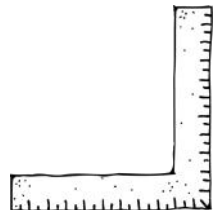- graph paper

- pencil or pen

   Roll the dice. Use the numbers as length and width for a rectangle. Draw the rectangle on your graph paper.   Calculate the area and perimeter of the rectangle and write it inside the rectangle.

   Your partner will then do the same on his/her paper. See which player's rectangle has the greatest area. The player with the greatest area for each round will shade in his/her rectangle. If there is a tie for area, use the perimeter as a tie-breaker.

   The first player with 10 rectangles shaded in wins!

a=20 Sq.

p=18

Name:_____

Name:_____