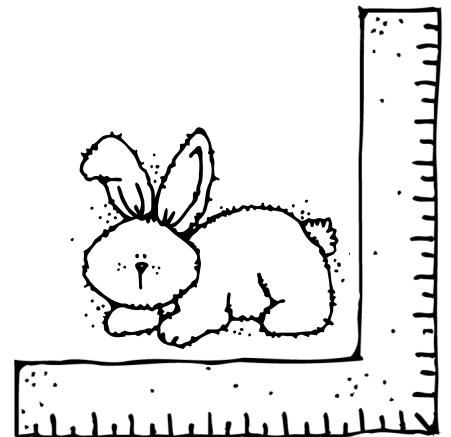




Name: _____

Math Lab #3—Area and Perimeter

You will be designing a playpen for your rabbit. Use 20 building pieces to create a playpen with a perimeter of 20 pieces. Make all of the different playpen shapes you can with 20 pieces and calculate the area of each. Draw your playpens in the space below. Label the sides and write the equations for perimeter and area. Circle the playpen with the greatest area.

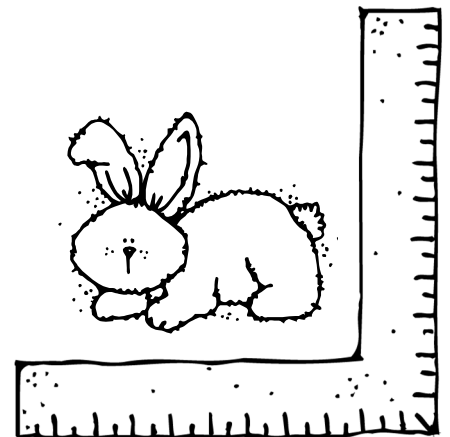




Name: _____

Math Lab #3—Area and Perimeter

You will be designing a playpen for your rabbit. Use 36 building pieces to create a playpen with a perimeter of 36 pieces. Make all of the different playpen shapes you can with 36 pieces and calculate the area of each. Draw your playpens in the space below. Label the sides and write the equations for perimeter and area. Circle the playpen with the greatest area.



Math Lab #3—Area and Perimeter

Materials: building blocks (like Jenga), popsicle sticks, etc...

Goal: Students create rectangles with different areas using 20 building blocks. They draw the rectangles, label the sides, and write the multiplication equation to calculate the area.

Procedure 1 Example: Students design a playpen. They use 20 building pieces to create a playpen with a perimeter of 20 pieces. They will make all of the different playpen shapes they can with 20 pieces and calculate the area of each. They will repeat the process using 36 pieces.

Note: You can replace the building blocks with new crayons, precut straws, paper strips, etc...