Dear Family,

During the next few weeks, our math class will be identifying plane and solid figures, as well as finding perimeter, area, and volume.

As we learn how to use formulas to find the perimeter and area of rectangles, you may wish to use this sample as a guide.

**Finding Perimeter and Area**

Follow these steps to find the perimeter and area of this rectangle.

- Perimeter is the sum of the lengths of the sides of a figure. To find the perimeter of a rectangle, you can use either of these formulas.

  \[
  P = l + w + l + w \\
  P = 12 \text{ in.} + 7 \text{ in.} + 12 \text{ in.} + 7 \text{ in.} \\
  P = 38 \text{ in.}
  \]

  The perimeter of the rectangle is 38 in.

- Area is the number of square units inside a figure. To find the area of a rectangle, you can use this formula.

  \[
  A = l \times w \\
  A = 12 \text{ in.} \times 7 \text{ in.} \\
  A = 84 \text{ in.}^2
  \]

  The area of the rectangle is 84 in.$^2$

Learning about geometry will help students understand the geometric concepts they see in the world around them.

Sincerely,

Your Child’s Teacher