Dear Parents,
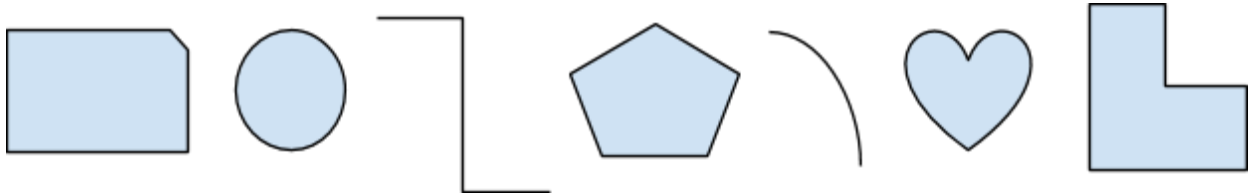
Our test for geometry is _____.
Please use this homework to review the skills with your child. Our test will cover these concepts:
- identifying polygons
- plane shapes and their attributes
- attributes of 3D shapes (specifically a cube)
- review concepts

Part 1: polygons and plane shapes

1. Circle the figures that are polygons. Put an X over the figures that are not polygons.

2. Draw an example and list the attributes of the following shapes:

Pentagon	Quadrilateral	Rectangle
__angles __corners __sides	__angles __corners __sides	__angles __corners __sides
Hexagon	Trapezoid	Triangle
__angles __corners __sides	__angles __corners __sides	__angles __corners __sides

3. Answer the following riddles to name the shape:

      A. I am a polygon with 3 sides, 3 angles, and 3 corners. I am a
      _____.

      B. I am a 4 sided shape. Two of my sides are longer than the
      other two. I am a _____.

      C. I am a polygon with 5 sides, and 5 angles. I sometimes look
      like a house. I am a _____.

      D. I am a 3D shape. Each of my 6 faces are squares. I am a
      _____.

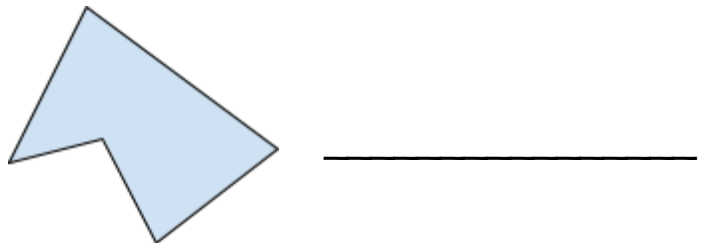4. What shape can you make by putting these three triangles together?

_____
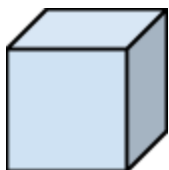
5. What two shapes can you make from this square?
   a. 2 squares
   b. 2 rectangles
   c. 2 pentagons

6. What shape is shown here?   _____

7. List the attributes of a cube:

      _____faces
      _____vertices
      _____edges