

3.G.1 Parent Helper

I CAN PLACE SHAPES INTO CATEGORIES BASED ON THEIR ATTRIBUTES.

Your child is learning to classify shapes based on the number of sides and angles they have.

Vocabulary Terms:

Attributes

Angles, Sides, Vertices

Triangle Pentagon

Hexagon Octagon

Quadrilaterals:

Parallelogram, Rhombus

Trapezoid, Rectangle

Square

Sample Problems:

What is the difference between a square and a rectangle?

Draw two different examples of a hexagon.

What attributes does a pentagon have?

What attributes does a trapezoid have?

Need more resources?

Google search the different shapes to learn more about their different attributes. You can also search "3.G.1 games" or "polygon games" to find different activities for your child. Look for apps that focus on the different polygons and naming them.

Helping my child:

It is important to understand what makes a polygon a certain shape. Make sure your child understands which shape is for 6 sided figures, 5 sided...etc. Help your child to understand the differences between the different quadrilaterals. Help your child draw shapes and name them based on the attributes their shape has. Sort different figures into groups based on their attributes. Knowing and understanding how to name these figures based on their attributes will help your child with other third grade math such as finding the perimeter of polygons.

Challenging my child:

Is this standard easy for your child? Challenge your child to make a polygon math test for you. Take the test and get some problems wrong on purpose.

Encourage your child to 'teach' you how to correctly identify the different polygons.

Challenge your child to draw as many different looking quadrilaterals as possible. How many ways can you make the shape?

Look for polygons in every day life.