3.G.2 Parent Helper

I CAN DIVIDE SHAPES INTO PARTS WITH EQUAL AREAS AND NAME THE PARTS.

Your child is learning to partition shapes into equal pieces and to name those pieces as fractions.

Vocabulary Terms:
Partition
Equal parts
Halves, thirds,
Fourths, fifths,
Sixths…etc
Equal/unequal

Sample Problems:

Partition a rectangle into three equal pieces.
Name the pieces.
Pictures showing unequal vs equal parts

Need more resources?

Google search the different shapes to learn more about their different attributes. You can also search "3.G.2 games" to find different activities for your child. You can also just search the standard to find examples and extra practice for your child.

Helping my child:

It is important to understand that if a shape is not divided (partitioned) into equal pieces then the parts cannot be named as thirds, fourths…etc. Parts are only called thirds, fourths…etc when they pieces are equal. Help your child to understand that the parts are equal if they are the same size and shape. If this is difficult for your child you can draw a shape, partition it into equal pieces, then cut the pieces out and stack them on top of each other. If they are the same size and shape then the shape was partitioned into equal parts.

Challenging my child:

Is this standard easy for your child? Challenge your child to make a partition math test for you. Take the test and get some problems wrong on purpose. Encourage your child to 'teach' you how to correctly identify which shapes were partitioned equally vs unequally. Encourage your child to use writing to explain their answers. Challenge your child to partition a rectangle into eighths as many different ways as possible. When cooking, allow your child to partition the food. (For example, you could let your child partition a pan of brownies into equal parts.)