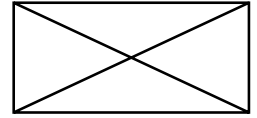




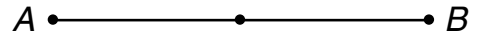
Dear Family,

Your child is working on a geometry unit about dividing quadrilaterals into smaller shapes by drawing diagonals and line segments that connect the midpoints of opposite sides. The main goal of this unit is to help children develop their spatial abilities.

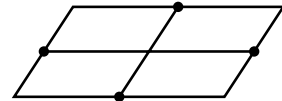
Diagonals are line segments that join opposite corners of a quadrilateral.



A midpoint divides a line segment into two equal parts.

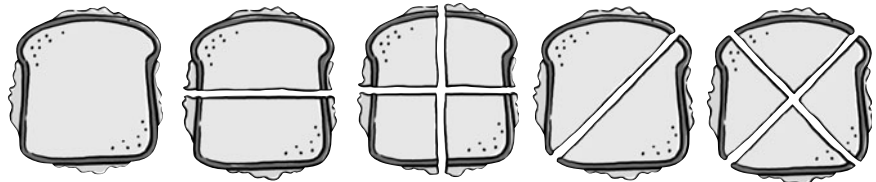


When you join the midpoints of opposite sides, you divide a quadrilateral into four parts.

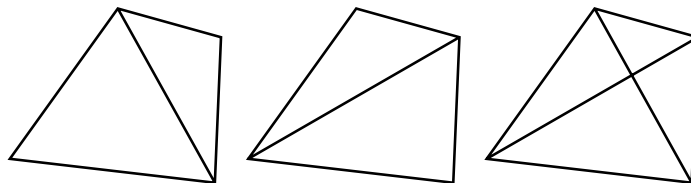


Encourage your child to look for quadrilaterals in your home and neighborhood. Ask your child to predict what shapes will be formed by drawing diagonals in the quadrilaterals or by connecting the midpoints of opposite sides.

For example, ask your child to describe the shape of a sandwich before you cut it. Ask your child to then predict what shapes will be formed if you cut the sandwich along the diagonals or along the line segments made by joining the midpoints on opposite sides.



In this unit, your child will be asked to draw diagonals on three identical shapes. Your child will draw a different diagonal in each of the first two shapes and draw both diagonals in the third shape.



If you have any questions or comments, please call or write to me.

Sincerely,
Your child's teacher