3.MD.8 Parent Helper

I CAN MEASURE PERIMETER BY USING WHAT I KNOW ABOUT ADDITION AND THE ATTRIBUTES OF SHAPES.

Your child is learning to use what they know about shapes and addition to find the perimeter.

Sample Problems:

Tell the perimeter of a rectangle if the width is four feet and the length is 8 feet. (8+8+4+4=24)

Tell the perimeter of a regular pentagon if the length of one side is 3 feet. (3x5 ft=15 ft.)

Tell the length of the missing side of a rectangle if the total perimeter is 26 feet and the length of one side is 10 feet. (26–10–10=6. 6÷2=3)

If the area of a square room is 25 square feet, what is the perimeter? (If the area is 25 square feet, then each side of the room is 5 feet. So, 5+5+5+5=20)

Vocabulary Terms:
Length/Width
Perimeter
Missing Side
Rectangle
Square
Hexagon/Pentagon

Need more resources?

For more resources Google search "3.MD.8 games" or "perimeter games." Search 3.MD.8 on www.learnzillion.com or YouTube for more guidance with this standard. Your child may also benefit from additional addition fact practice to help them calculate the perimeter of shapes. Use flash cards, or the website www.xtramath.org to practice these facts.

Helping my child:

If your child is struggling with calculating the perimeter of a rectangle, remind them of the attributes of rectangles and how opposite sides are equal lengths. Drawing pictures when given a word problem may also help your child with this standard.

Challenging my child:

Is this standard easy for your child? Challenge your child to find the perimeter of your yard (or an imaginary yard.) Give your child the lengths of all the sides and ask how many feet of fencing would be necessary to enclose the yard. Find and calculate perimeter in the real world. Have your child be on the lookout for examples of perimeter in the real world, such as a picture frame.