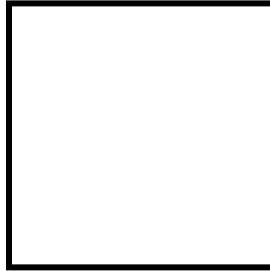


What's Your Angle

Level A

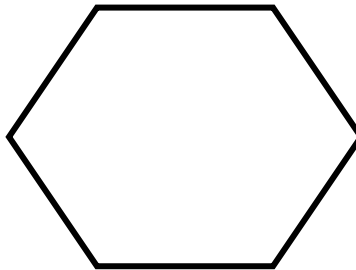
Maggie Graham likes to draw diagonals in different figures. She draws a square.



She draws in all the possible diagonals within the square. How many does she draw?

She draws another figure with a different number of sides. Then she draws in all the diagonals. She counts the diagonals and comes up with a different number than when she counted the diagonals in a square.

Maggie asked herself, “I wonder how many diagonals are in a hexagon?”



How do you know when you have found all the diagonal lines that you can draw in a figure?

