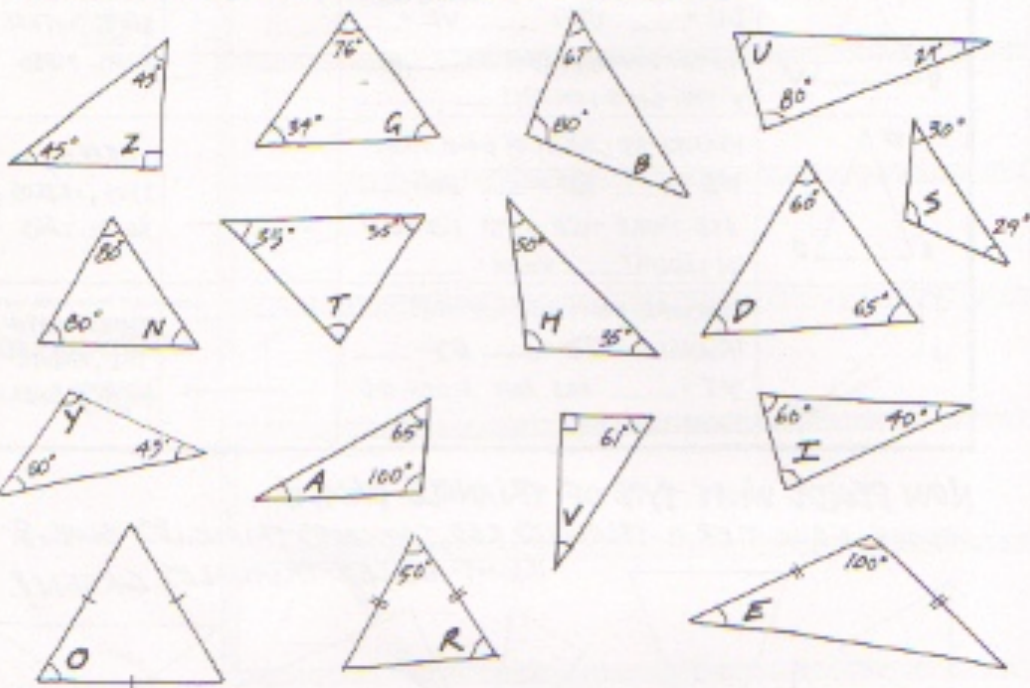


TRIANGLES ARE HOT!

FILL IN THE MISSING ANGLE ON THE TRIANGLES BELOW TO DISCOVER A FACT ABOUT TRIANGLES



"THE SUM OF THE ANGLES OF A TRIANGLE IS ...

... $60^\circ + 20^\circ + 40^\circ = 95^\circ$ $76^\circ + 20^\circ + 55^\circ = 65^\circ + 40^\circ + 55^\circ = 15^\circ + 20^\circ + 55^\circ = 40^\circ + 80^\circ + 70^\circ = 95^\circ + 110^\circ + 75^\circ$
 $55^\circ + 40^\circ + 70^\circ = 65^\circ + 40^\circ + 40^\circ = 121^\circ$ $15^\circ + 35^\circ + 60^\circ = 29^\circ + 40^\circ + 90^\circ + 40^\circ + 65^\circ + 60^\circ$!"

NOW DRAW QUADRILATERALS AROUND THE FOLLOWING PAIRS OF DIAGONALS!