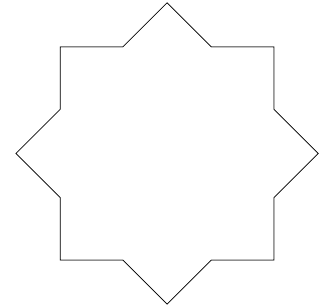# Problem of the Week
Problem A
Star of Lakshmi

The Star of Lakshmi can be found in many places around the world. You can construct this shape by starting with two congruent squares on top of each other. (Two squares are congruent if they have the same side length.) Then imagine you have a pin in the centre of the square and you rotate the top square by 45° (half of a quarter turn). The outline of the result would look like the shape shown on the right.

Fill in the table below with details about this shape.

Number of sides	
Number of vertices	
Number of interior right angles	
Number of interior acute angles (angles that are less than 90°)	
Number of lines of symmetry	