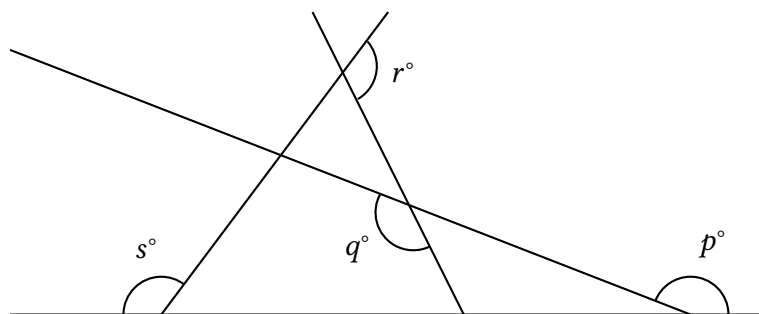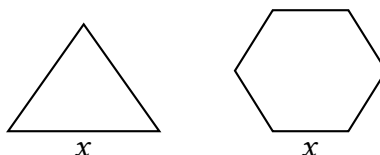# Revision Questions

1. Four lines intersect as shown in the diagram.

   Find the value of $p + q + r + s$.

2. The equilateral triangle and regular hexagon shown have perimeters of the same length.

   What is the ratio of the area of the triangle to the area of the hexagon?

3. If the solid cube has edge length 2, then what is the the shortest distance that an ant can walk from corner A to corner B?
   Note: The ant can walk anywhere along the surface of the cube.