1. Make a right-angled isosceles triangle. This is a triangle with a right angle and such that the two angles that are not right angles are equal. What is the size of these non right angles?

2. Make a right-angled triangle with one of the non right angles as 60°.
What is the size of the other non right angle?

3. Make a quadrilateral with two opposite angles of 60° such that the other two opposite angles are equal. What is the size of these other angles?

4. Make a quadrilateral with two opposite angles of 105° and with one of the other angles equal to 90°. What is the size of the remaining angle?

5. Make a quadrilateral with two adjacent angles of 60° and one other angle of 120°. What is the other angle? What is the special name given to quadrilaterals like this one?

6. Make three pentagons with three angles of 90° and one of 135°. What is the size of the other angle?

7. Make three hexagons with opposite angles of 60° and 90°. What are the sizes of the other angles? Is it possible for such a hexagon to have the remaining angles equal? If so, what is the size of one of these angles?