Interior and Exterior angles of polygons

Exterior angle of a regular polygon = $^{360}/_{n}$ & interior angle = 180^{0} – exterior. Using these formulas, find exterior angle and interior angle and sum of interior angles of these following polygons:

Exercise

1. Triangle

   a. Exterior angle = _____

   b. Interior angle = _____

   c. Sum of interior angles = _____

2. Square

   a. Exterior angle = _____

   b. Interior angle = _____

   c. Sum of interior angles = _____

3. Pentagon

   a. Exterior angle = _____

   b. Interior angle = _____

   c. Sum of interior angles = _____

4. Hexagon

   a. Exterior angle = _____

   b. Interior angle = _____

   c. Sum of interior angles = _____

5. Octagon

   a. Exterior angle = _____

   b. Interior angle = _____

   c. Sum of interior angles = _____