## **CONSTRUCTION GEOMETRY 9: DRAWING POLYGONS**

1. Draw an octagon with 6 cm sides.

- 2. A decagon has 10 sides.
  - a. Calculate the sum of its interior angles.
  - b. What would each angle of a regular decagon measure?
- 3. Without using a protractor, determine the sum of the interior angles of the polygon below.





4. Inscribe the following polygons in the given circles.





## **ANSWER KEY**



Source: Government of BC used with permission.

