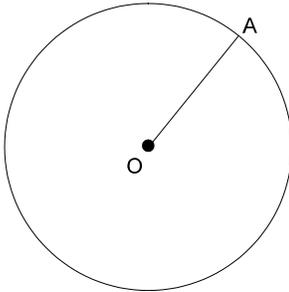## CONSTRUCTION GEOMETRY 3: DRAWING CIRCLES & SECTORS

1.      Draw a tangent line, AB to the circle.



2.      Draw a semi-circle with a radius of 3 cm.

3.    Draw and label the following sectors.
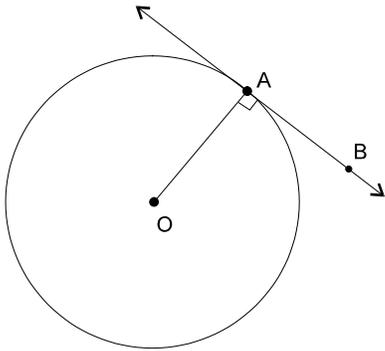
    a.  radii = 4 cm, angle = 50°                    b.  radii = 2.5 cm, angle = 90°
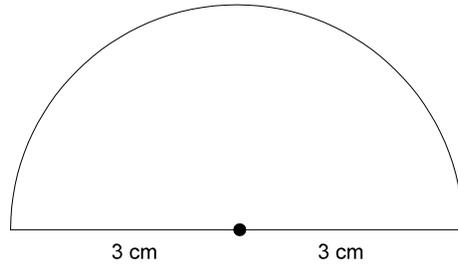
    c.  radii = 3.2 cm, angle = 150°                 d.  radii = 5 cm, angle = 300°
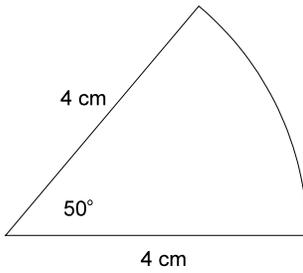
**ANSWER KEY**

1.



2.



3 cm          3 cm

3. a.



4 cm

50°

4 cm

b.


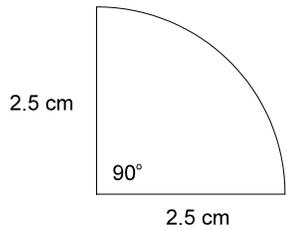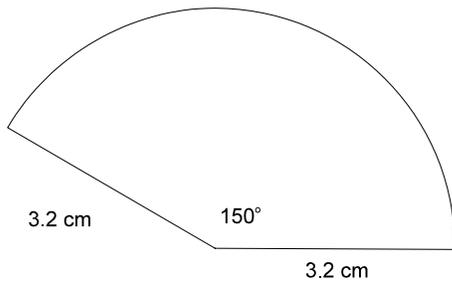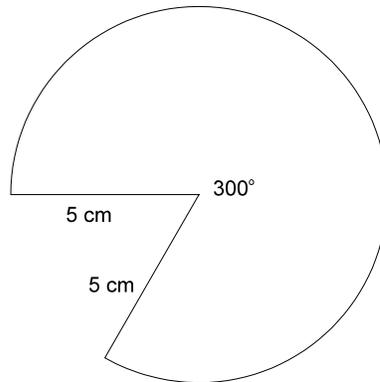
2.5 cm

90°

2.5 cm

c.



3.2 cm          150°

3.2 cm

d.



300°

5 cm

5 cm

Source: Government of BC used with permission.