

Year Ten Advanced Homework Sheet 8 Term 2
 Circle Geometry

Name: _____

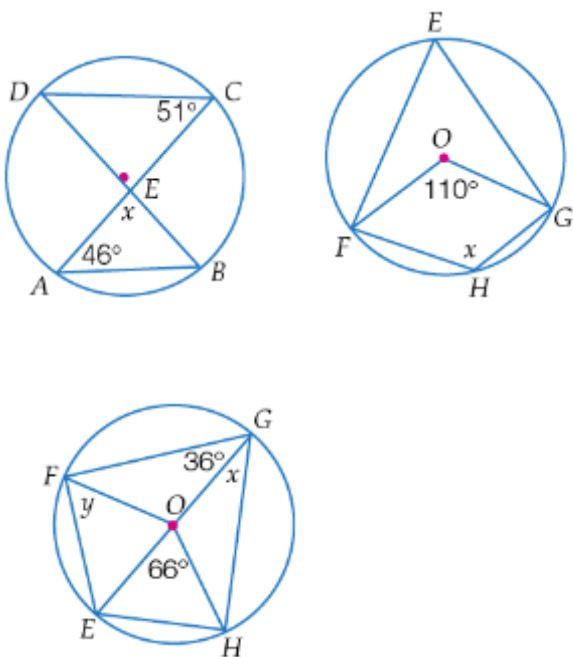
Due Date: _____

1. Fill in the gaps from these words

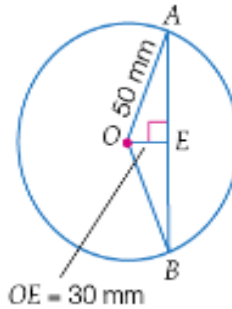
Chord, minor arc, major arc, subtend, minor sector, major sector, minor segment, major segment

- a). If two radii are drawn to different points on the circumference of a circle they divide the circle into a _____ and a _____.
- b) A line joining one point on the circumference of the circle to another is called a _____.
- c) An arc will _____ an angle at the circumference.
- d) A chord, that is not a diameter, drawn on a circle divides the circle into a _____ and a _____.

2. Find the value of the variable in each of the following

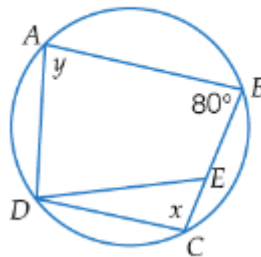


3. Find the length of AB



4. AB is parallel to DC.
 Find the value of x and y and give reasons.

$AB \parallel DC$



5. Find the value of a , x , y and z .

