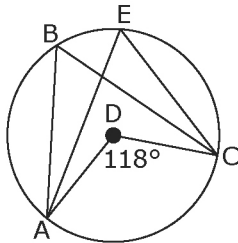


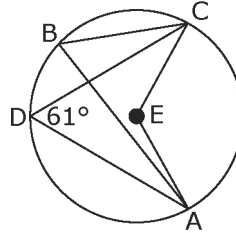
Section 10.1 Extra Practice

1. Determine the measure of $\angle ABC$ and $\angle AEC$. Explain how you determined your answers.

a)

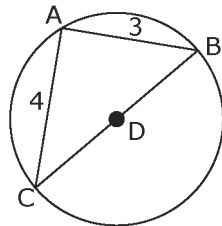


b)

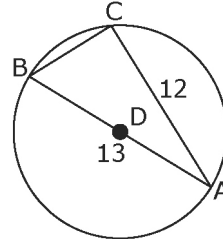


2. Determine the length of chord BC in each of the following.

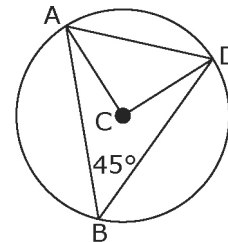
a)



b)

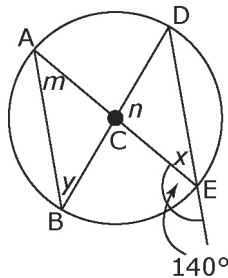


3. Point C is the centre of a circular flower bed with a radius of 8 m. The flower bed is divided as shown in the diagram. If $\angle ABD = 45^\circ$, determine the length of AD to the nearest tenth of a metre.



4. Find the unknown angle measure in each of the following diagrams.

a)

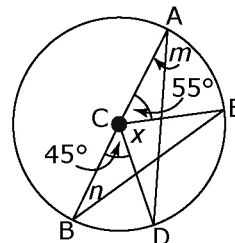


$$\angle m =$$

$$\angle n =$$

$$\angle x =$$

b)



$$\angle m =$$

$$\angle n =$$

$$\angle x =$$