**Math 9 Open Book Assignment #2** Name:

1. Determine the missing lengths to the nearest tenth of a centimeter. (2 marks each)

9cm

 **•O**

x

 6.5cm

 

 

 3.3cm 6.6cm

 O

x

1. Determine the measures of the missing angles to the nearest degree. (1 mark per angle)
	1. 

 B

 

 A O

42o

  C

 D

* 1. 

 x =

 y =



 x =

 y =



 x =

 y =

1. A road is to be built through a circular tunnel of diameter 8.5m. The height at the center of the roadway must be 5.6m. Find the width of the roadway, to the nearest tenth of a meter. (2 marks)

 5.6m