**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