CENTRAL ANGLES OF A CIRCLE

Name: _____ Class: _____ Due Date: _____

Family Member Signature: _____

Objective:

To use our knowledge of straight angles and the central angles of a circle to determine missing values.

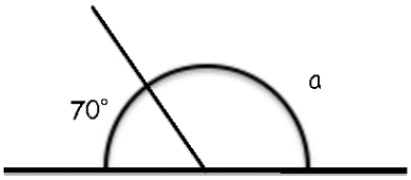
Necessary Information:

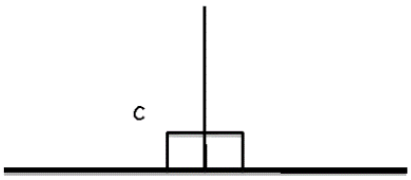
A straight angle has a sum of 180°

The central angles of a circle have a sum of 360°

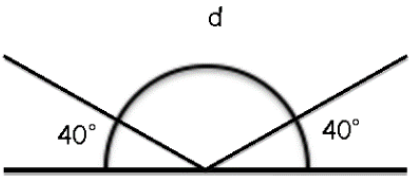
Practice Section:

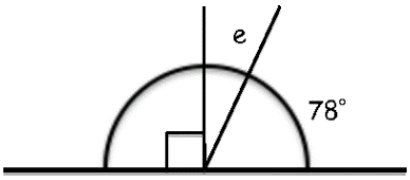
1) Find the missing angle for each of the following.

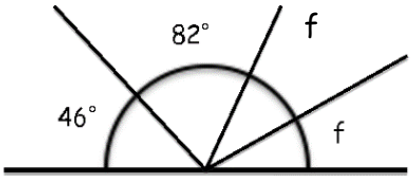




<a = _____ <b = _____ <c = _____

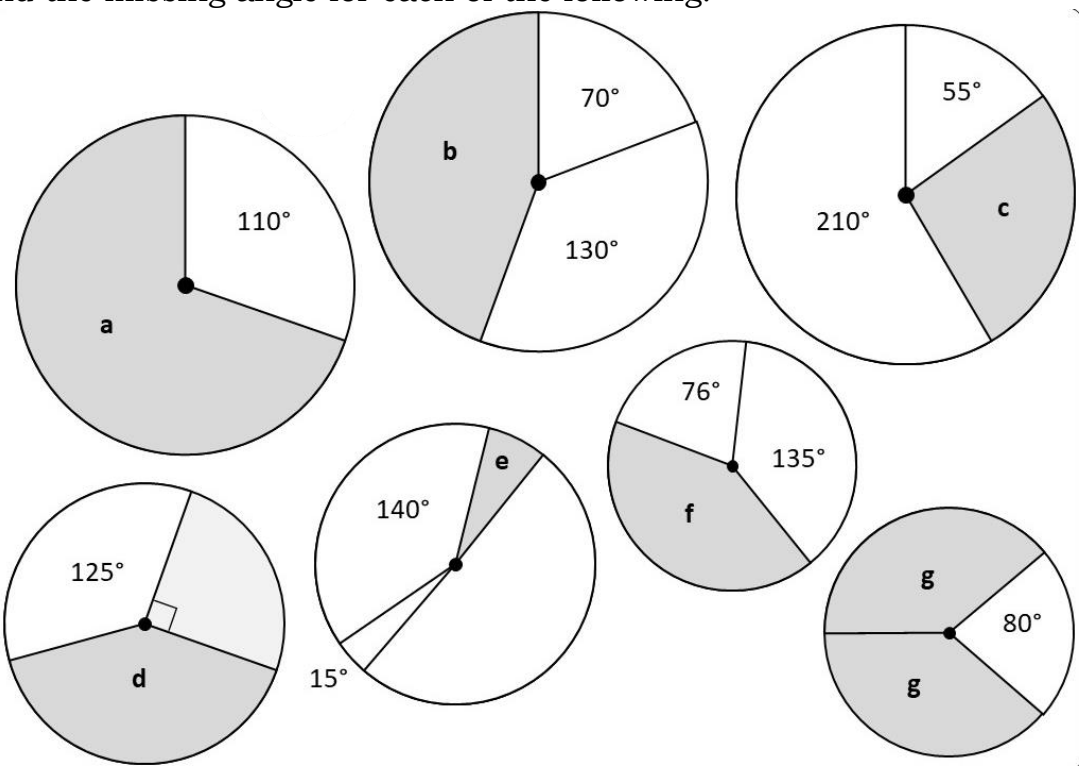






<d = _____ <e = _____ <f = _____

2) Find the missing angle for each of the following.



<a = _____ <c = _____ <e = _____ <g = _____

<b = _____ <d = _____ <f = _____

In <u>Your</u> Real World:

Here is an overhead picture of where Dufferin St. meets Lorne St. meets Crescent St. With a family member, determine the missing angle between Dufferin and Lorne.