Name: _____ Date: _____

10.3 Warm Up

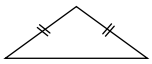
1. Name the triangles using the words from the box.

right triangle
isosceles triangle (2 equal sides)
equilateral triangle (3 equal sides)

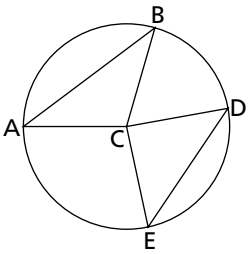
a)  _____

b)  _____

c)  _____

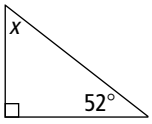
d)  _____

2. List the chords in the circle.



_____

3. Find the measure of the unknown angle in each triangle.

a) 

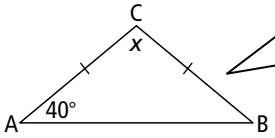
Sum of the angles in a triangle = 180°

$x +$ _____° $+$ _____° $= 180°$

$x +$ _____° $= 180°$

$x +$ _____° $-$ _____° $= 180° -$ _____°

$x =$ _____°

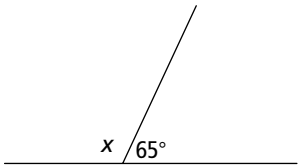
b) 

The 2 bottom angles in an isosceles triangle are equal.

$x +$ _____° $+$ _____° $= 180°$

4. Find the measure of the unknown angle in these supplementary angles.

Supplementary angles add up to 180°.

a) 

$x + 65° = 180°$

$x + 65° - 65° = 180° - 65°$

$x =$ _____°

b)