Review Unit 1 Part 2

Circles

Lesson 8: tangents

Tangent-Radius Property: a tangent to a circle is perpendicular to the radius at the point of tangency.

Lesson 9: Cords

The perpendicular bisector of any chord passes through the centre of the circle.

The perpendicular from the centre of the circle to a chord bisects the cord.

Lesson 10: Angles

Central and Inscribed Angle Prosperity: The measure of a central angle is twice the measure of an inscribed angle subtended by the same arc.

Angles in a Semicircle Property: An angle inscribed on a semicircle is a right angle.

Inscribed Angle Property: Inscribed angles subtended by the same arc of a circle are equal.

Pg 418 #1-10

Pg 420 #1-4, 6



x=

y= x=

 y=

 x= x=

 y=





 x= x=





 BC= x=

 y=



 w=

 x= x=

 y= y=



 a=

 d= w=

 c= x=

 y=

 z=