Circles

Mathematics
Grade: High School

I have...
a **circle**.

Who has...
a segment with endpoints on a circle?

I have...
a **chord.**

Who has...
a line which intersects a circle at exactly two points?

I have...
a **secant.**

Who has...
a line which intersects a circle at exactly one point?

I have...
a **tangent.**

Who has...
a chord which goes through the center of a circle?

I have...
a **diameter.**

Who has...
a line segment with endpoints on a circle and on the center of the circle?

I have...
a **radius.**

Who has...
the special angle formed by an angle inscribed in a semicircle?

I have...
a **right** angle.

Who has...
an incomplete circle?

I have...
an **arc.**

I have...
an **inscribed** angle.

I have...
a **central** angle.

I have...
an **intercepted** arc.

Who has...
an angle with its vertex on a circle with sides intersecting the circle?

Who has...
an angle with its vertex on the center of a circle?

Who has...
an arc formed by the intersection of an angle with a circle?

Who has...
an arc less than 180° ?

I have...
a **minor** arc.

I have...
a **major** arc.

I have...
a **semicircle.**

I have...
a **tangent** segment.

Who has...
an arc greater than 180° ?

Who has...
an arc of exactly 180° ?

Who has...
a segment which is part of a tangent line with an endpoint intersecting a circle?

Who has...
the point at which a tangent line intersects a circle?

I have...
a **point of tangency.**

I have...
a **right** angle.

I have...
40°.

I have...
20°.

Who has...
the special angle formed by a tangent line and a radius which intersect at the point of tangency?

Who has...
the measure of a central angle which intercepts an arc of 40°?

Who has...
the measure of an inscribed angle which intercepts an arc of 40°?

Who has...
two non-adjacent angles formed by two intersecting lines?

I have...
vertical angles.

I have...
35°.

I have...
supplementary angles.

I have...
complementary angles.

Who has...
the measure of one vertical angle if the the other vertical angle is 35°?

Who has...
two angles with a sum of 180°?

Who has...
two angles with a sum of 90°?

Who has...
a set of points in a plane, all the same distance from one point, called the center?