

Do-now:

Make a list of everything you know about circles. Include specific terms (proper names of segments, etc.)

$$C = \pi d$$

diameter

radius

360°

center

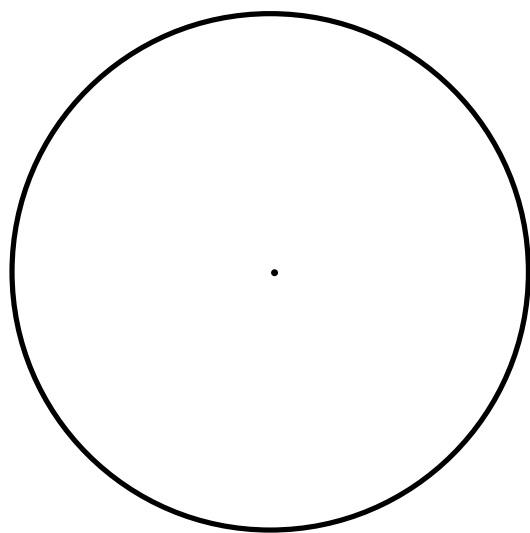
round

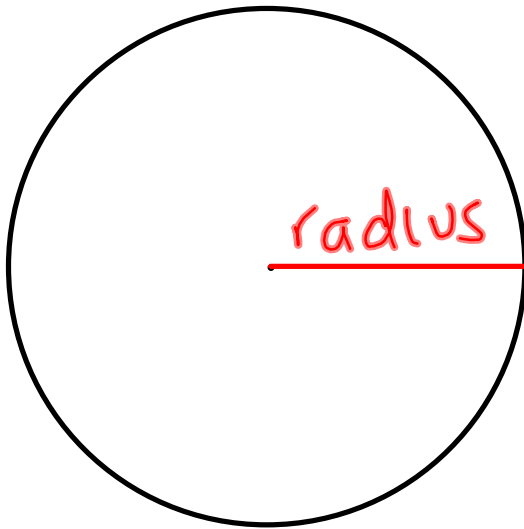
Infinite amount of points
on circ.

symmetrical
arcs

Chords

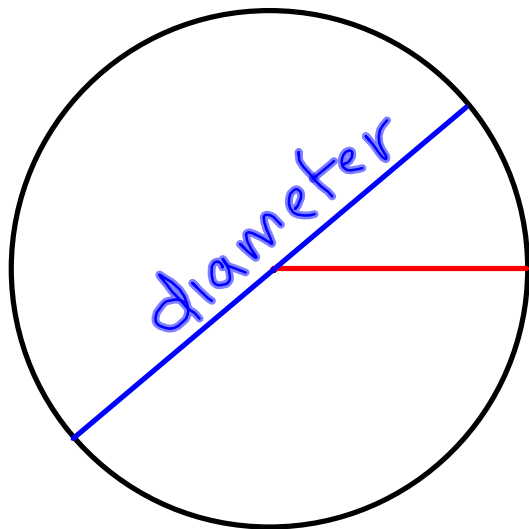
Not a polygon



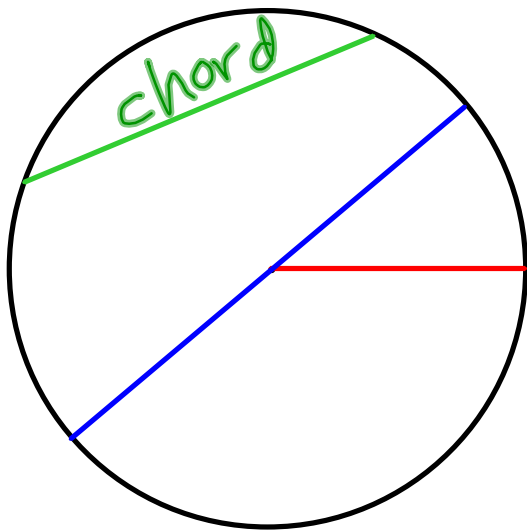


Radius =

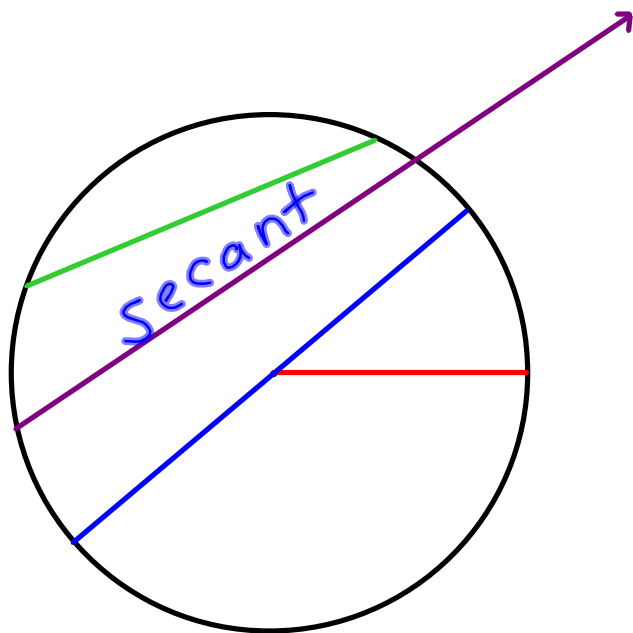
Segment
that connects
the center
to a point
on the \odot .



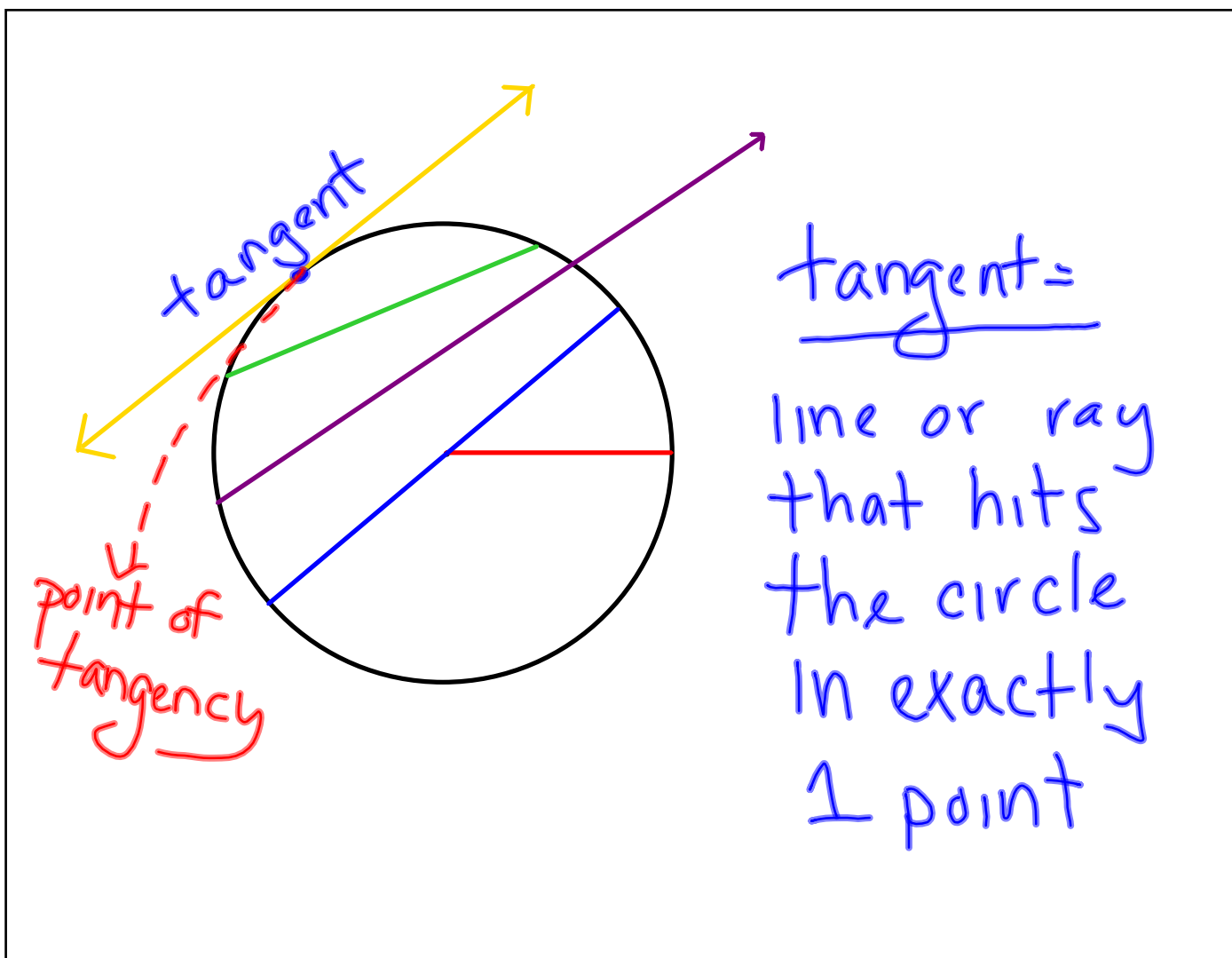
diameter =
segment
that
connects 2
points on
the \odot and
passes through
the center



chord =
segment
that connects
2 points
on a \odot .

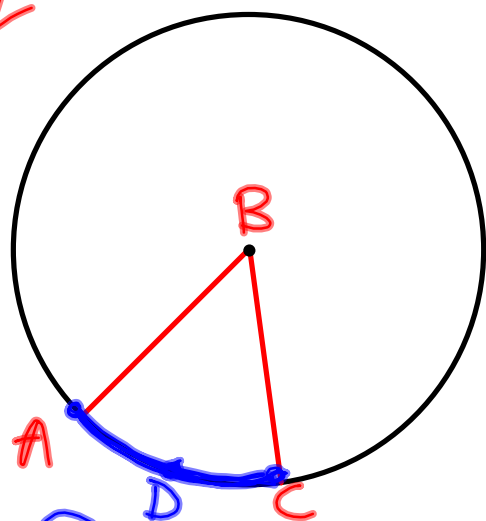


Secant =
line or
ray that
connects 2
points on
a \odot .



tangent =
line or ray
that hits
the circle
in exactly
1 point

2 radii



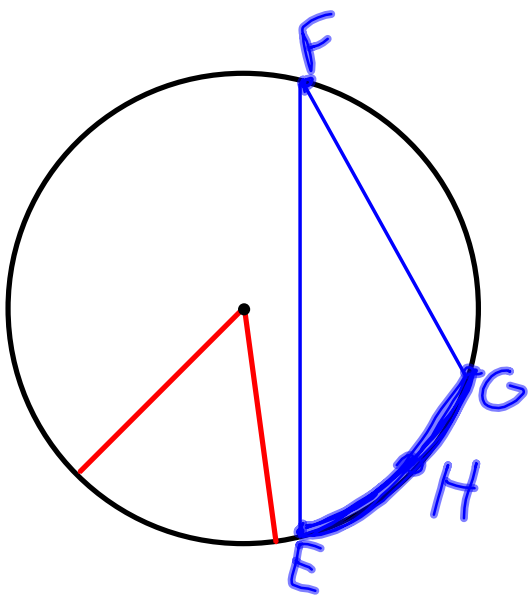
$\widehat{AC} = \text{arc } AC$

"intercepted arc"

$\angle ABC = \text{Central angle}$



an angle
whose vertex
is the center
of the \odot .



$\angle EFG =$ inscribed
angle

↓
angle whose
vertex is on
the circle

$\widehat{EHG} =$ intercepted arc

