## Circles

Two intersecting chords: $a b=c d$


## Angle measurements:

Intersecting chords: $x=\frac{a+b}{2} \quad$ Two secants: $x=\frac{a-b}{2}$


Inscribed angles:

$$
x=\frac{a}{2}
$$



## Secants and Tangents:

Two secants: $b(a+b)=c(c+d) \quad$ Secant and tangent: $t^{2}=b(a+b)$


