

# SOL Formulas to Memorize - Fill it in!!

## Coordinate Formulas

slope = \_\_\_\_\_

midpoint = \_\_\_\_\_

distance = \_\_\_\_\_

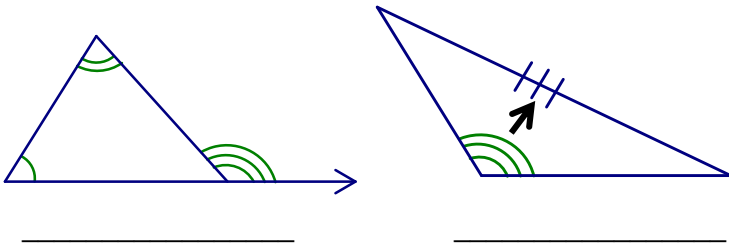
## Conditional Statements

converse -- \_\_\_\_\_

invervse -- \_\_\_\_\_

contrapositive -- \_\_\_\_\_

## Triangles

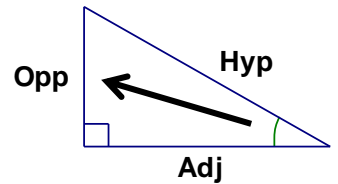


## Trigonometry -- SOH CAH TOA

$\text{Sin} \angle =$  \_\_\_\_\_

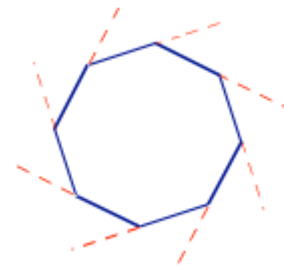
$\text{Cos} \angle =$  \_\_\_\_\_

$\text{Tan} \angle =$  \_\_\_\_\_



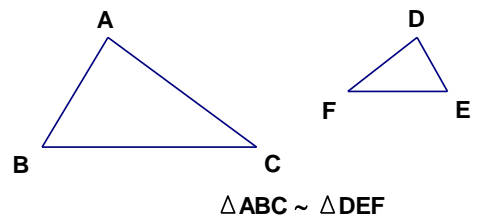
## Polygons

sum of all int $\angle$ 's	sum of all ext $\angle$ 's
each interior $\angle$	each exterior $\angle$



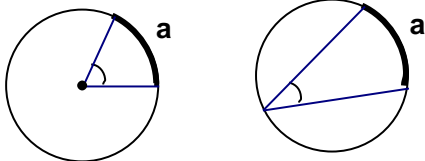
## Similar Shapes

small shape  $\rightarrow$  \_\_\_\_\_ = \_\_\_\_\_ (cross multiply)  
big shape  $\rightarrow$  \_\_\_\_\_

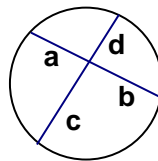


## Circles

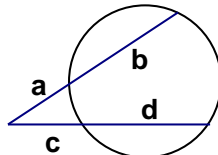
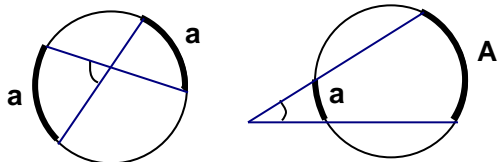
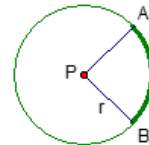
(angles)



(segments)



(arc length)



(area of sector)

