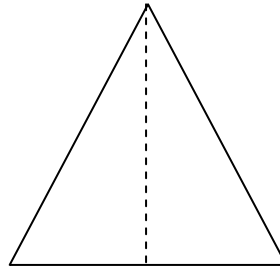
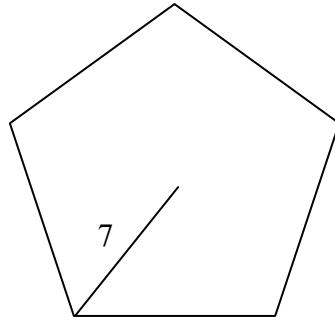


Geometry  
TRIPLE THREAT!

Name \_\_\_\_\_

**Directions:** Find the Area of each regular polygon.

1.)



a.) Divide into triangles

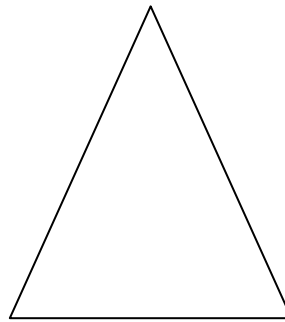
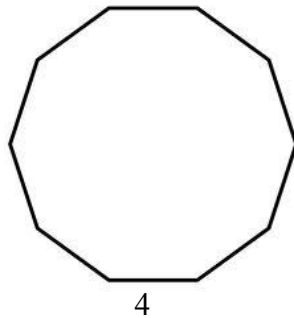
b.) Put in Angles

c.) Find the base and height

d.) Triangle Area =  $\frac{1}{2} * \underline{\hspace{1cm}} * \underline{\hspace{1cm}} =$

e.) TOTAL AREA = \_\_\_\_\_

2.)



a.) Divide into triangles

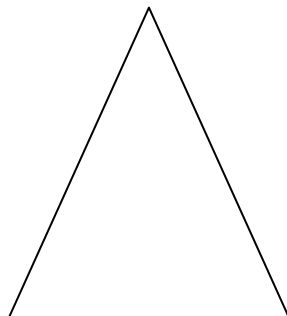
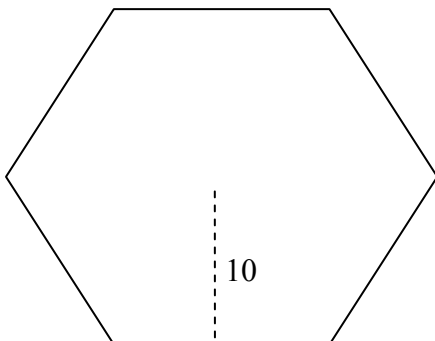
b.) Put in Angles

c.) Find the height (apothem)

d.) Triangle Area =  $\frac{1}{2} * \underline{\hspace{1cm}} * \underline{\hspace{1cm}} =$

e.) TOTAL AREA = \_\_\_\_\_

3.)



a.) Divide into triangles

b.) Put in Angles

c.) Find the base (use SOH CAH TOA)

d.) Triangle Area =  $\frac{1}{2} * \underline{\hspace{1cm}} * \underline{\hspace{1cm}} =$

e.) TOTAL AREA = \_\_\_\_\_