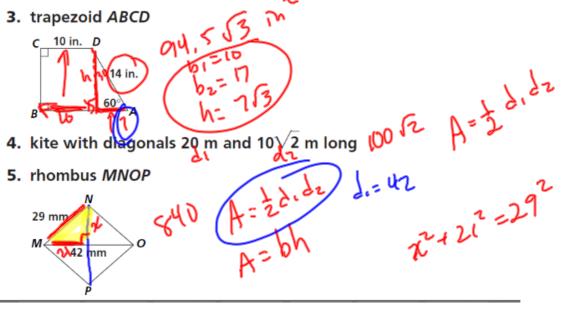
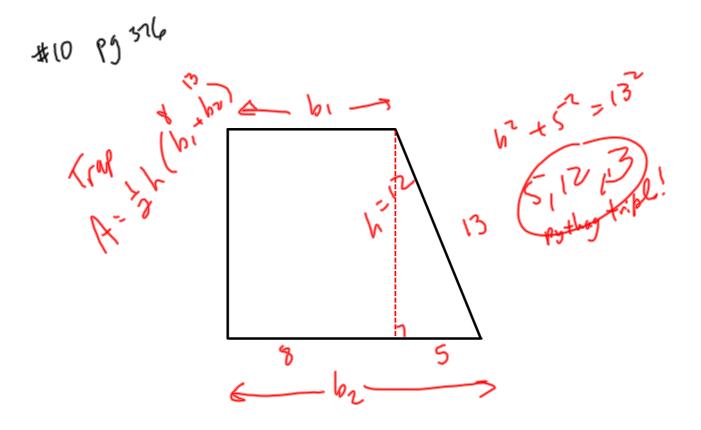
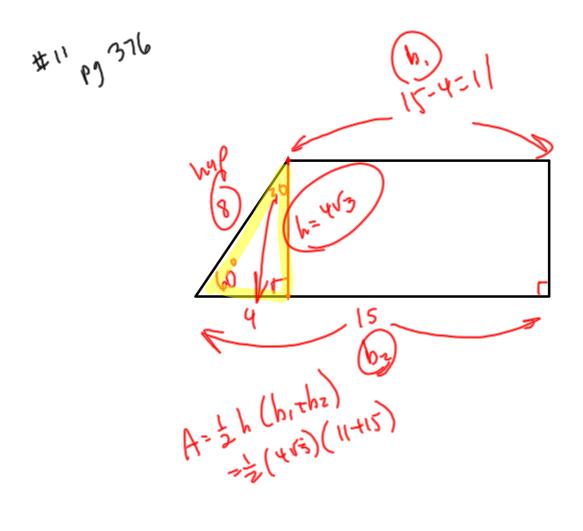


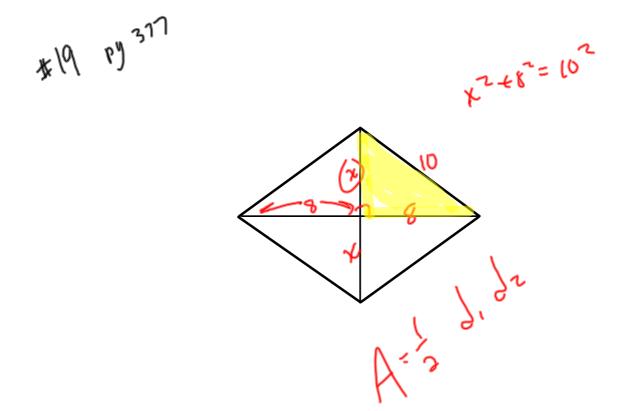
- 1. Find the area of a trapezoid with bases 3 m and 19 cm $A = \frac{1}{2}h(b, +b_2)$ and height 9 cm. 99 cm²
- 2. Find the area of a trapezoid in a coordinate plane with vertices at (1, 1), (1, 6), (5, 9), and (5, 1). 2 G a

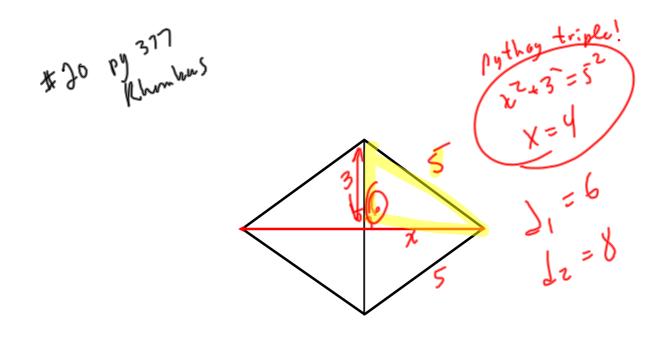
Find the area of each figure in Exercises 3–5. Leave your answers in simplest radical form.

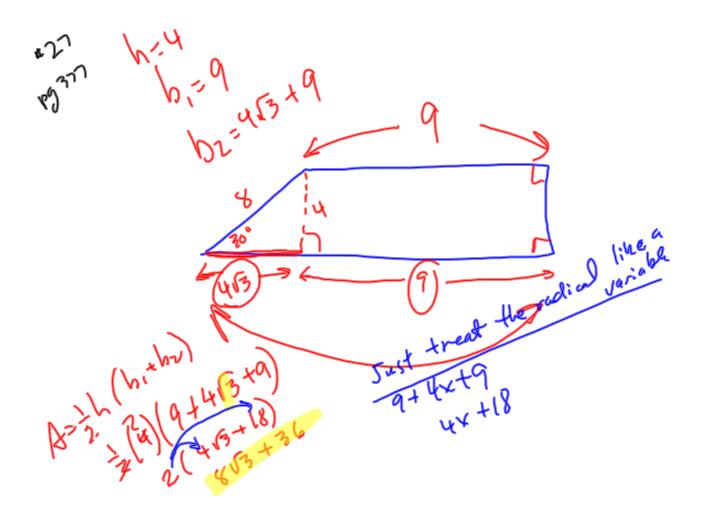










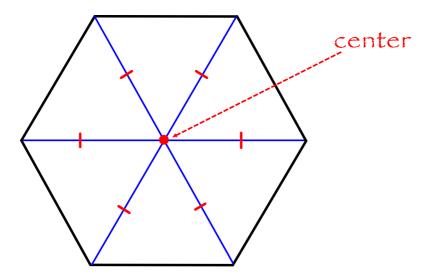


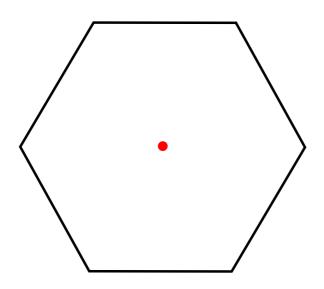
Primary named polygons...

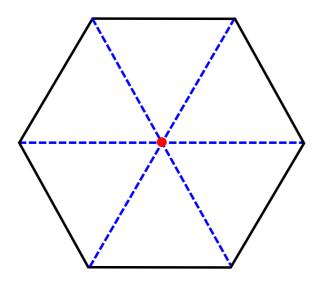
- Triangle
- Quadrílateral
- Pentagon
- Hexagon
- Octagon
- Decagon
- Dodecagon
- n-gon (as in a 20-gon for a 20 sided polygon)

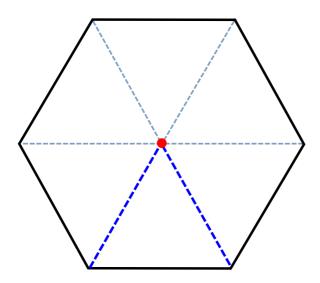
Center of a regular polygon

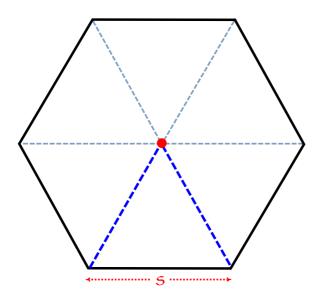
Point equidistant from the vertices.

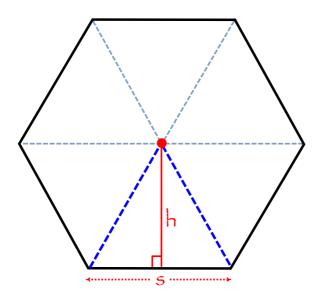


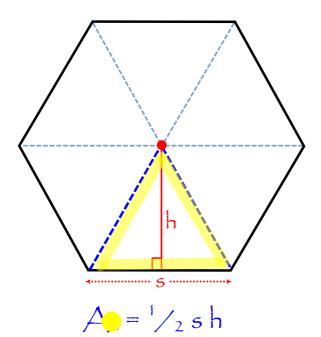


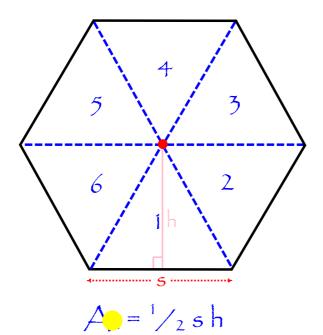


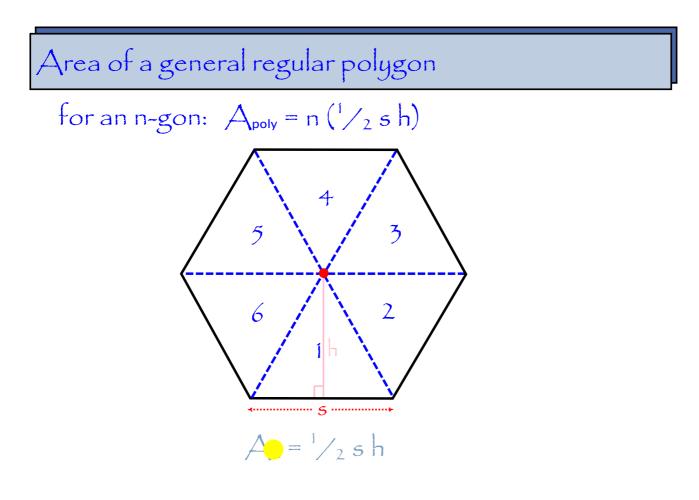


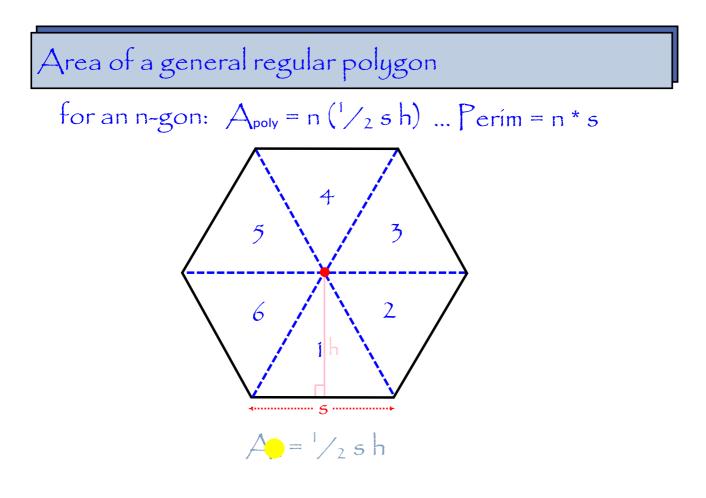


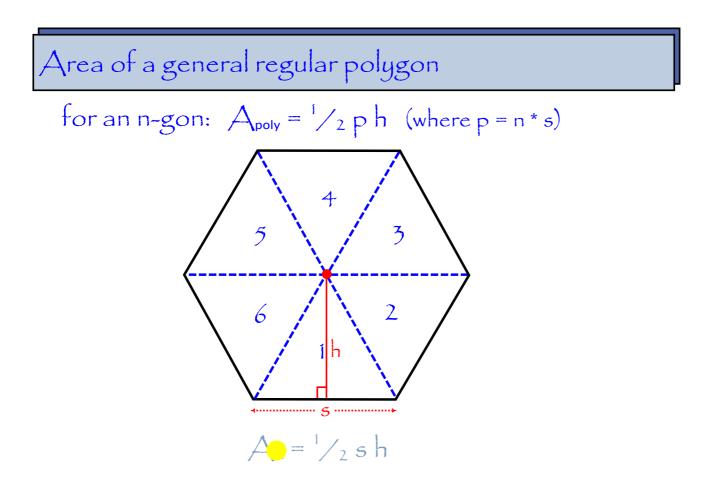




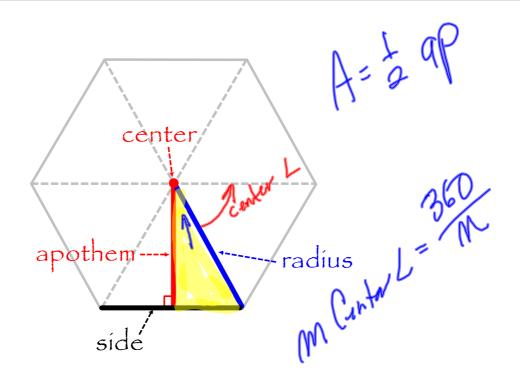




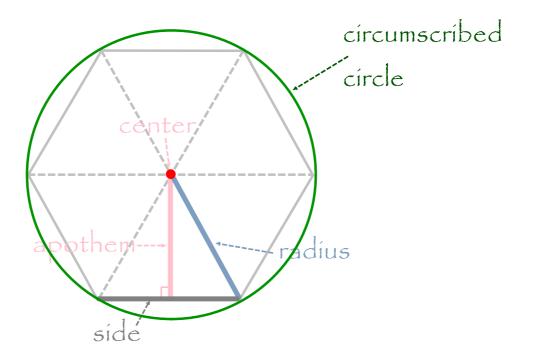




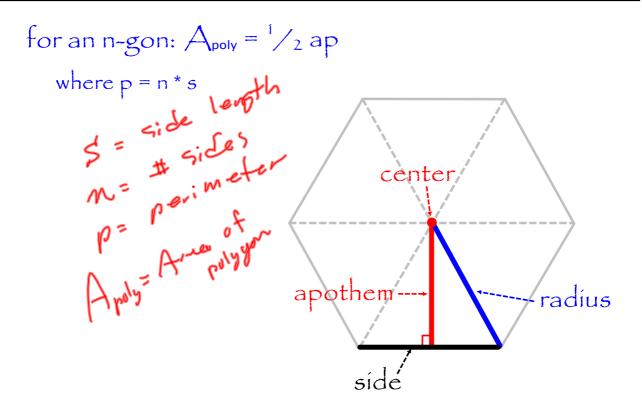
Parts of a general regular polygon



Parts of a general regular polygon

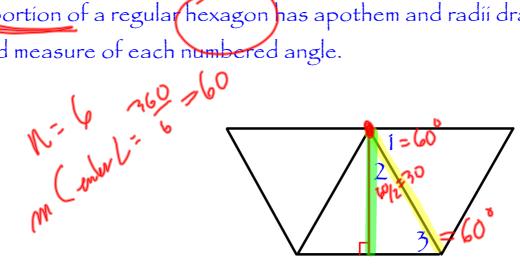


Thm 7-12 Area of a regular polygon

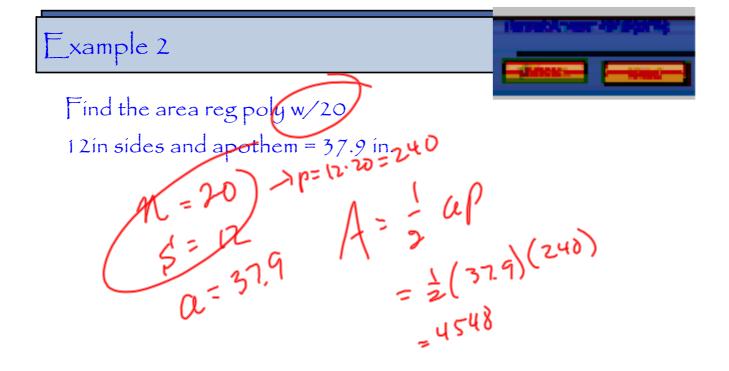


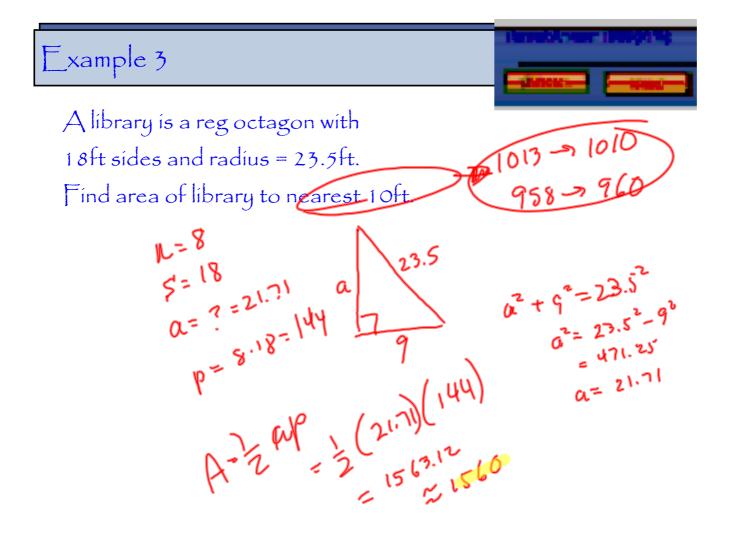
Example 1

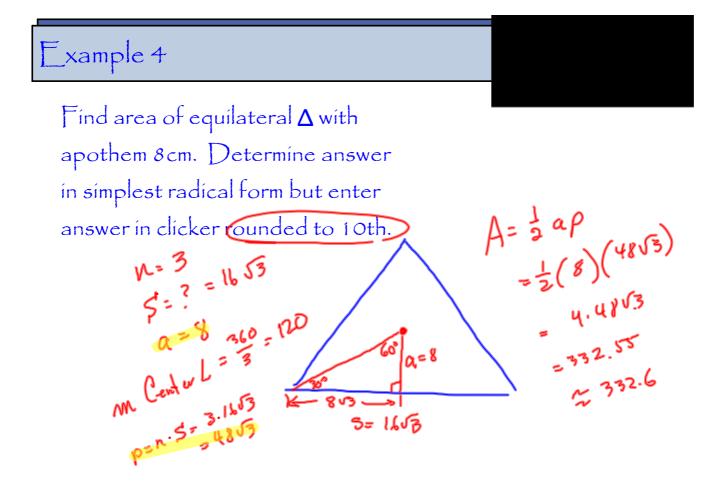
A portion of a regular hexagon has apothem and radii drawn. Find measure of each numbered angle.











L7-5 HW Problems

Pg 382 #1-21 odd, 25, 27-31, 33, 35-40