

Geometry (G.GMD.1)

Unit Three: Area of Regular Polygons (HW3)

Name: _____

Date: _____ Period: _____

1. Find the AREA of each regular polygon. (Round to the nearest hundredth unless otherwise directed.)

a) Pentagon with side of 16 cm

b) Octagon with an apothem of 2 cm

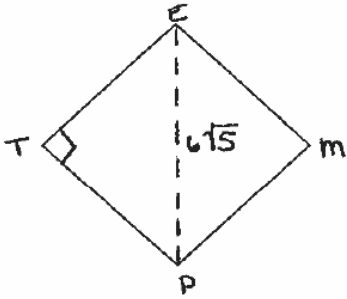
c) Hexagon with a perimeter of 36 cm (Exact Answer)

d) Decagon with a radius of 12 cm

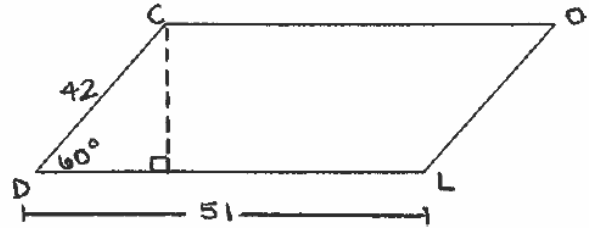
c) Nonagon with side of 8 cm

2. Find the AREA of each polygon before.

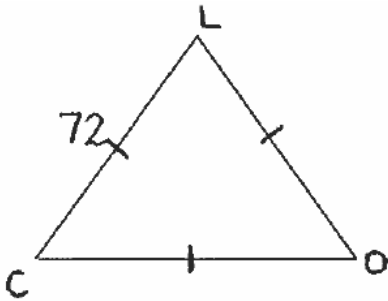
a) Rhombus TEMP



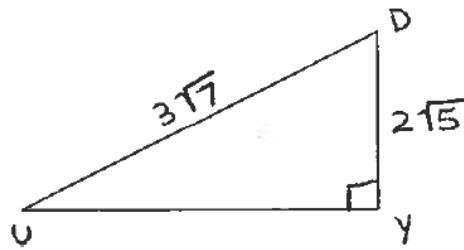
b) Parallelogram COLD



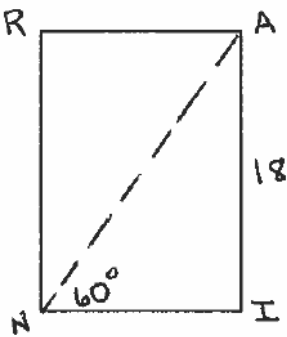
c) Triangle CLO



d) Triangle UDY



e) Rectangle RAIN



f) Rhombus SLET

