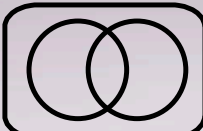
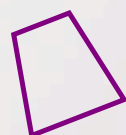


\approx $\{ \}$ $\sqrt{\quad}$  ∞ Σ π



Math 1030 #17b



Fundamentals of Geometry

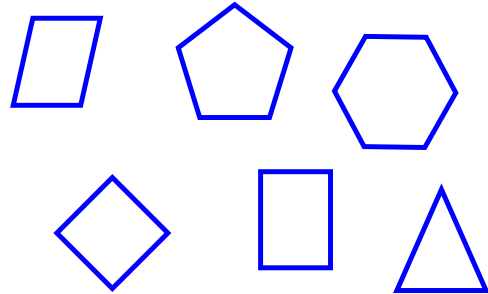


Plane Geometry

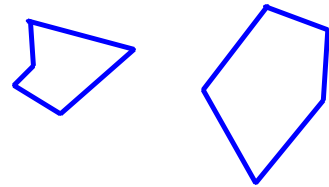


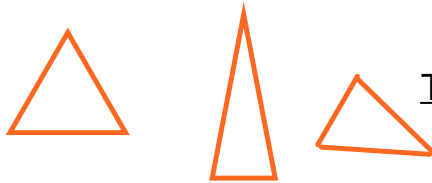
POLYGONS

polygon

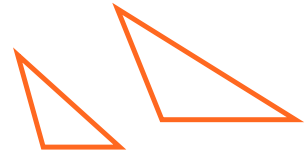


regular polygon





Triangles



Side length adjectives

equilateral

isosceles

scalene

Angle adjectives

obtuse

acute

right



Perimeter and Area of Polygons

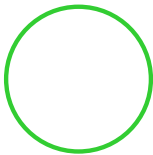
Perimeter

Area

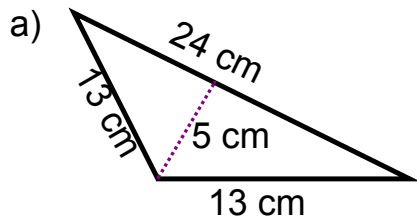
Formulas

Perimeter

Area



EX 1: Determine the perimeter and area of each of these.

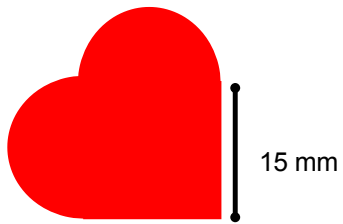


b) An envelope with length of 8 inches and width of 14 inches.

c) A round stadium with diameter of 1.5 dm.

EX 2: Determine the area and perimeter of these shapes.

a) Assume this is made up of a square and a circle (cut in half)



b) This is a semicircle on an isosceles triangle.

