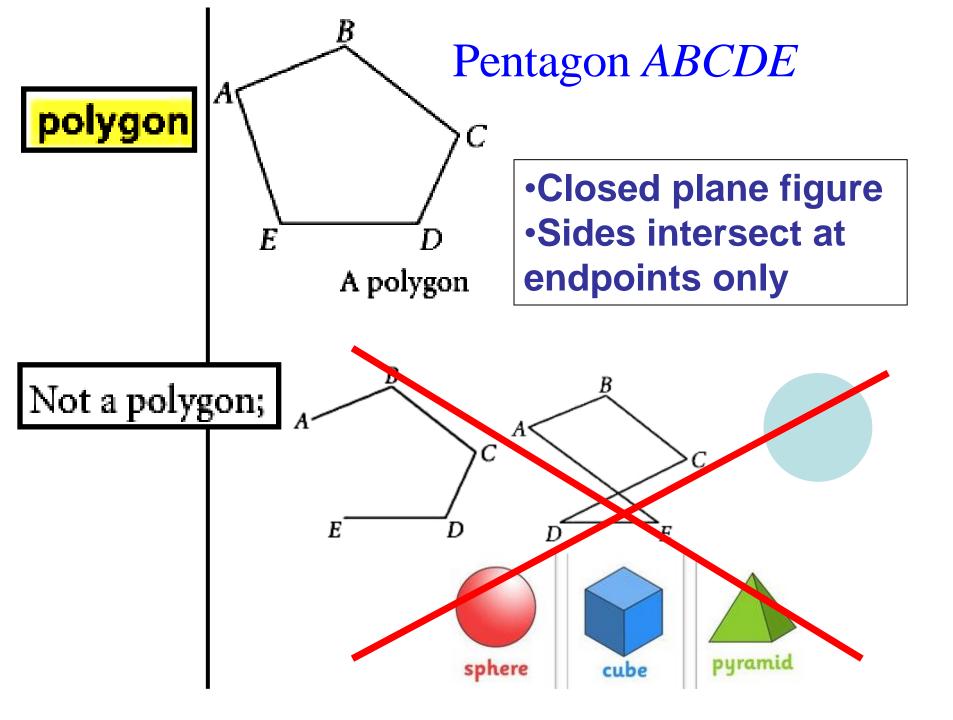
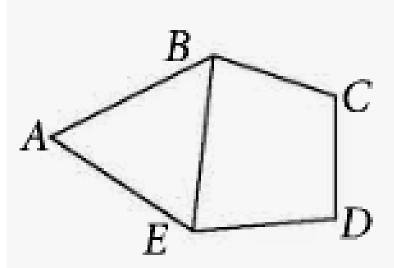


Special names for Polygons

Types of Regular polygons		
Types	Sides	Shapes
Triangle	3	
Quadrilateral	4	
Pentagon	5	
Hexagon	6	$\langle \rangle$
Heptagon	7	\bigcirc
Octagon	8	\bigotimes
Nonagon	9	\bigcirc
Decagon	10	()
Hendecagon	11	\bigcirc
Dodecagon	12	\bigcirc

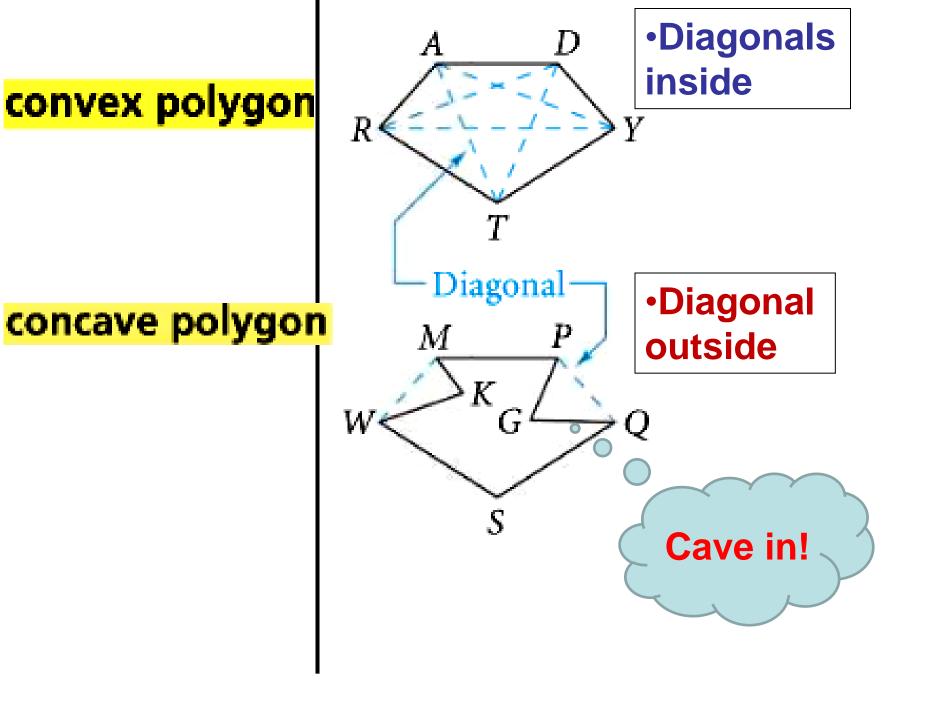


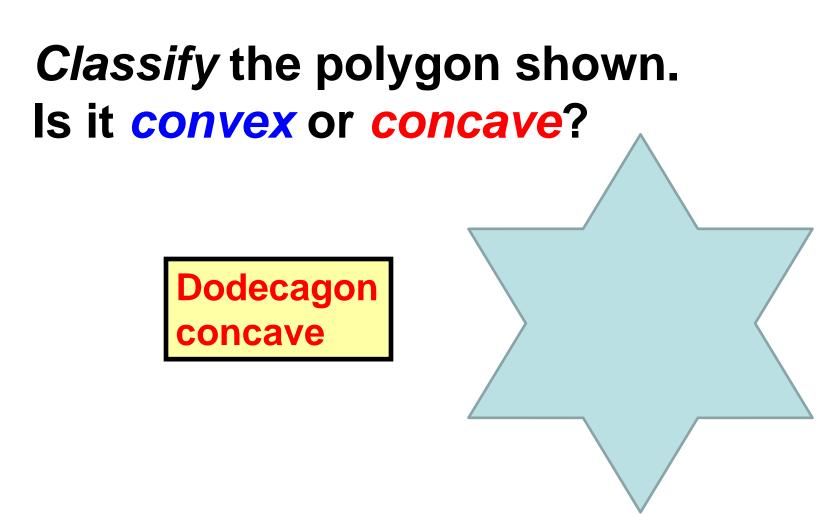
Three polygons are pictured, name them!



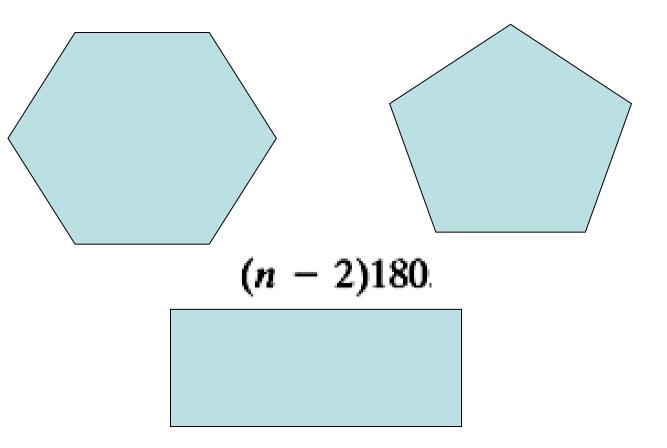
 ΔABE

Quadrilateral *BCDE* Pentagon *ABCDE*







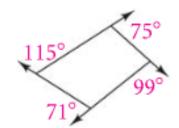


Polygon Exterior Angle-Sum Theorem

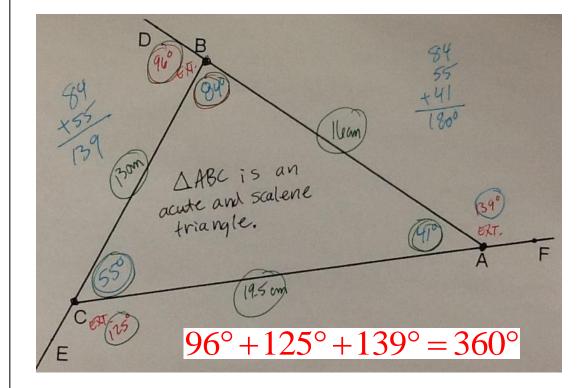
360°

80% 150° 130°

80 + 150 + 130 = 360



115 + 75 + 99 + 71 = 360



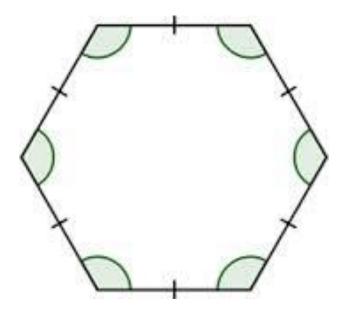
An equilateral polygon has Congruent sides

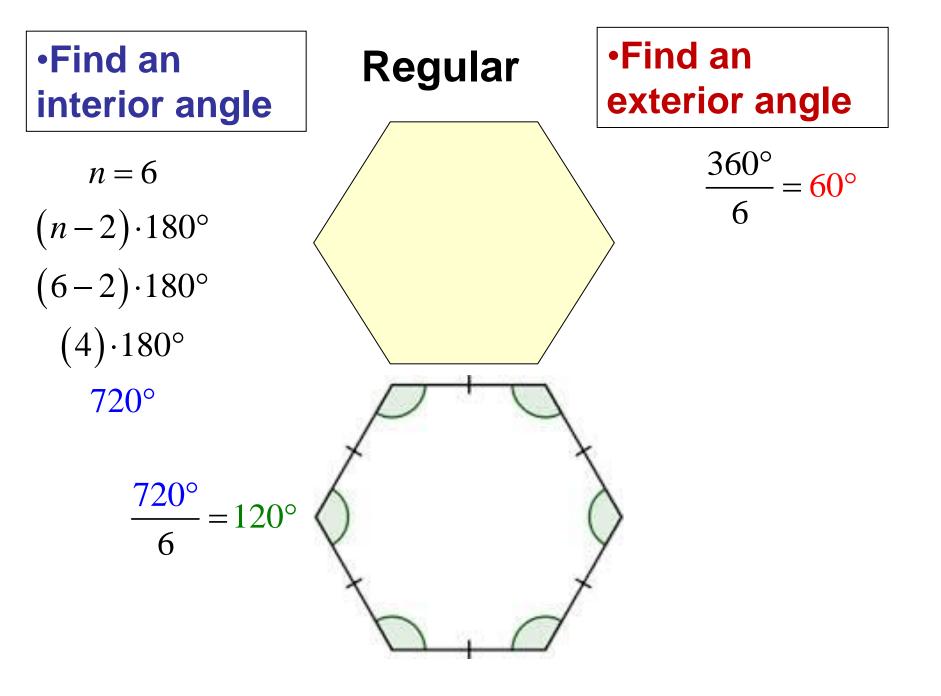
An equiangular polygon has ____

Congruent angles

A regular polygon is

Equilateral and Equiangular





Assignment

Polygon Shape Handout

New Vocabulary

- polygon
 convex polygon
 concave polygon
- equilateral polygon
 equiangular polygon
- regular polygon