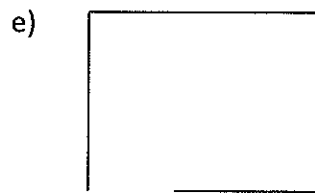
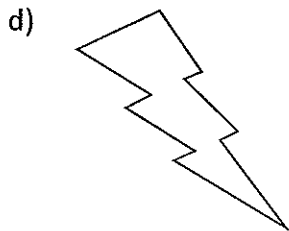
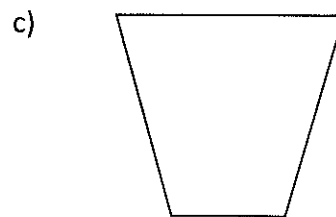
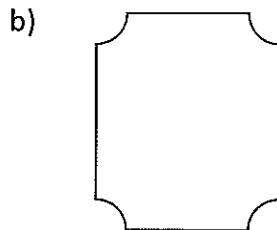
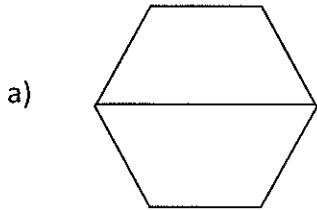


Polygon Notes

Naming a Polygon:

Number of Sides	Name
3	Triangle
4	Quadrilateral
5	Pentagon
6	Hexagon
7	Heptagon
8	Octagon
9	Nonagon
10	Decagon
11	(no special name ☹)
12	Dodecagon
13	13-gon
$n > 13$	n-gon

Identifying Polygons: Which are polygons?



_____ are polygons

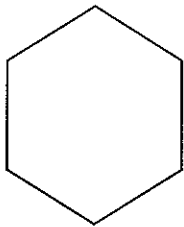
_____ is not because a side intersects more than two others

_____ is not because sides aren't all segments

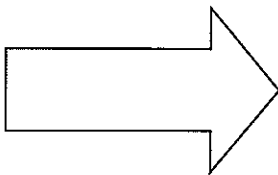
_____ is not because 2 sides intersect only one other

Convex vs. Concave:

a)



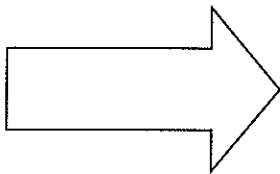
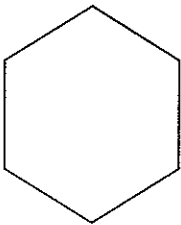
b)



Name it: _____

Convex or Concave: _____

Explain with a Picture:



Regular Polygons:

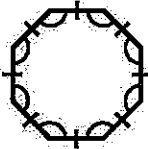
a.



b.



c.



Regular? _____

Explain: