

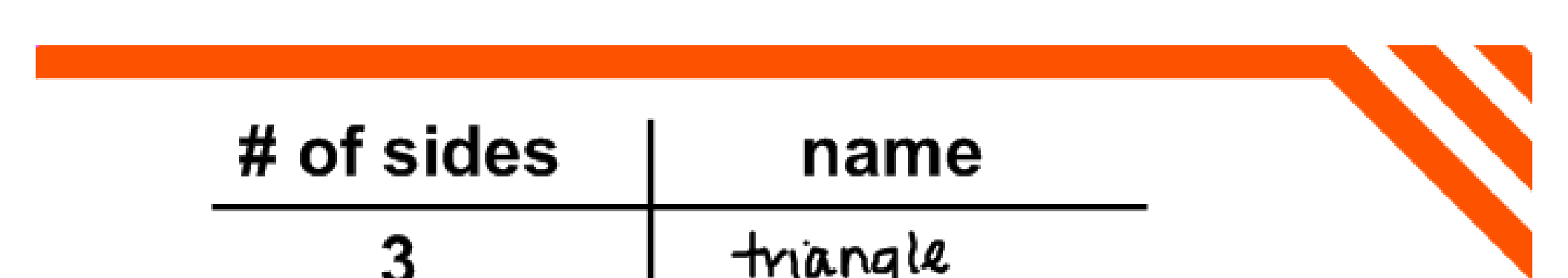
**4 - 2**

# **Polygons and Polyhedra**

polygon: 2-dimensional closed plane  
figure formed by joining 3 or more  
line segments at their endpoints

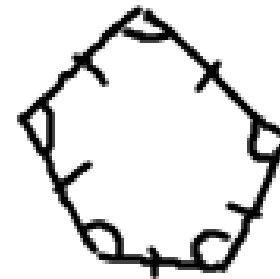
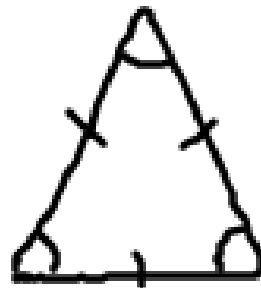
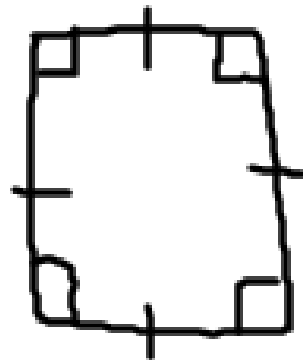
not polygons:





# of sides	name
3	triangle
4	quadrilateral
5	pentagon
6	hexagon
7	heptagon
8	octagon
9	nonagon
10	decagon
12	dodecagon
n	n-gon
27	27-gon

regular: all sides congruent  
all angles congruent



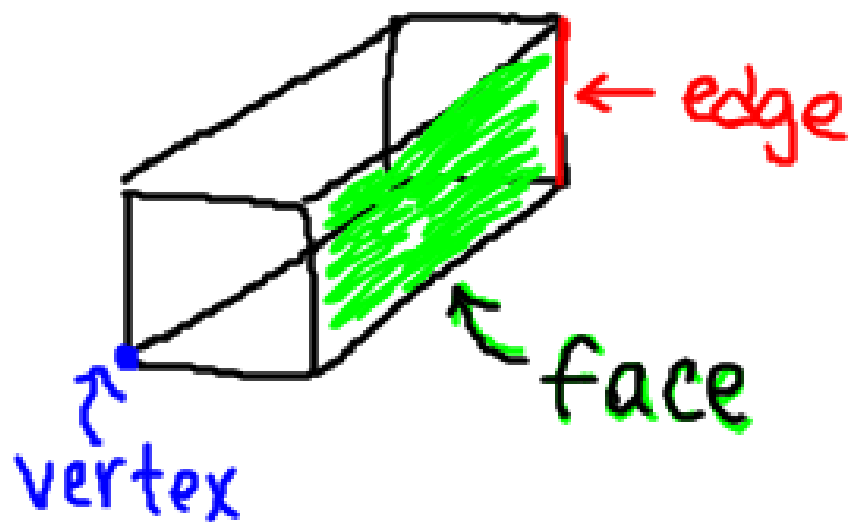
# Triangles

equilateral: 3 = sides

isosceles: 2 = sides

scalene: no = sides

polyhedron: 3-dimensional closed figure formed by joining 3 or more polygons at their sides





Homework:

4 - 2 WS