Regular Polygons   date:

1.
2.

REGULAR POLYGON

**REGULAR POLYGON**
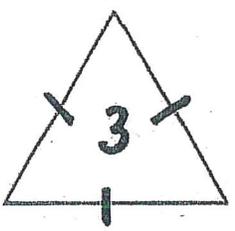
* triangle **3**

equal sides
(equal + lateral)
equilateral

triangle
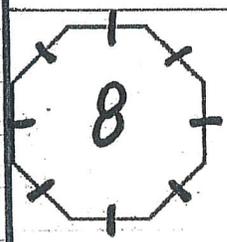
8 octagon
8 + gonia
8 + angle

* square **4**

square
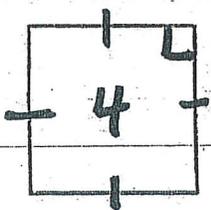
9 nonagon
9 + ∢, corner
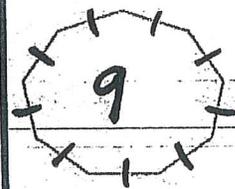
5 pentagon
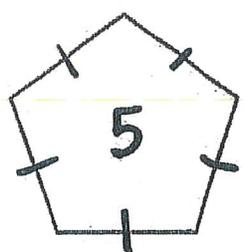
∢ or corner
5 + gon
pentagon
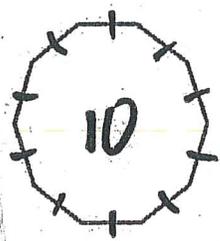
10 decagon
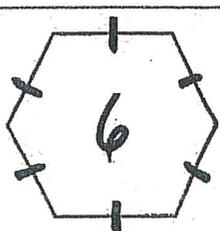
6 hexagon

hexagon
hexa + gon
6 + ∢, corner
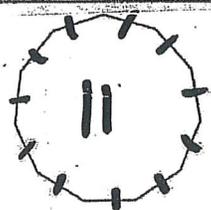
11 undecagon
1 + 10 + ∢

7 septagon

septagon
7 + angle
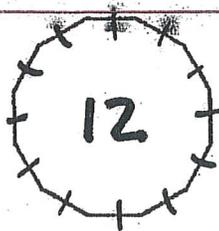
12 dodecagon
2 + 10

SIX QUADRILATERALS

4-sided straight line figure

pushed over →

① **Square**
quad = 4
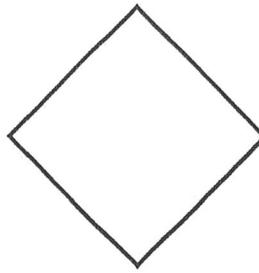
geometric figure
oblique-angle (not 90°)
② **rhombus**
equilateral llgm

Quadrilateral
now all 4 right
and all opposite sides equal

pushed over →

③ **rectangle**
right 4 corners
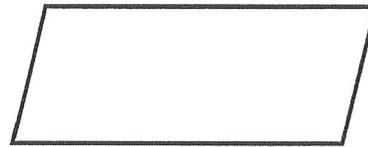
Quad w̄
sides ‖ opposite to write
④ **parallelogram**
(llgm)

side
shorter
than
↓
opposite
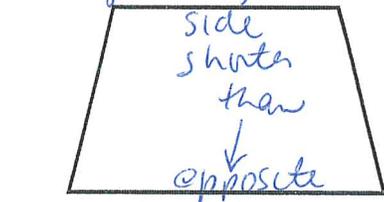
⑤ **trapezoid**
4 | peza | shaped like that of
     foot, edge
(Small table w̄ 4 legs) with 2 sides shorter)
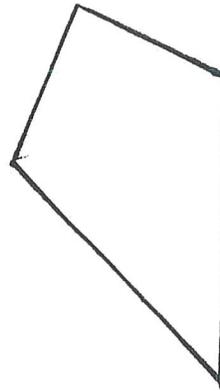
⑥ **Kite**
hovering in the air
like a bird

SIX TRIANGLES
(3 triangles named based on their interior angle measure)
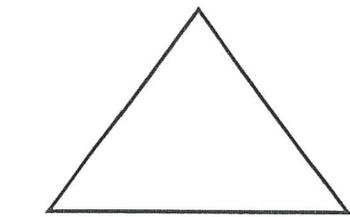
① **acute** △
sharp, pointed, rise to a point
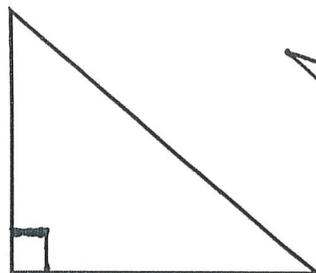
② **right-angle** △
(corner)

③ **obtuse** △
(∡ greater than rt ∡)

(3 triangles named based on the measure of their side lengths)

having 2 = sides

can be ÷
into 2
equal parts

having unequal sides
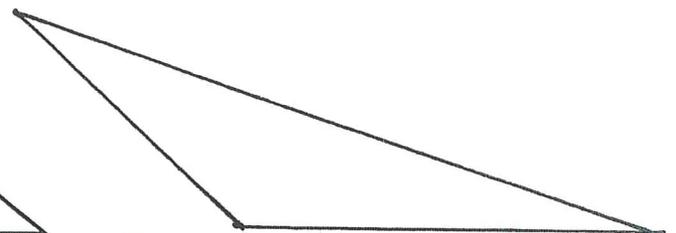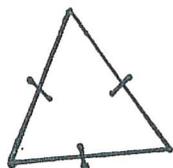
④ **equilateral** △
equal
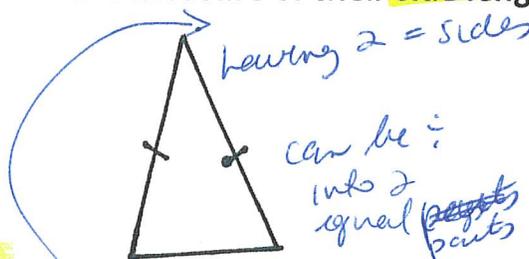
⑤ **isosceles** △
equal | leg
identical

⑥ **scalene** △
Greek uneven, unequal