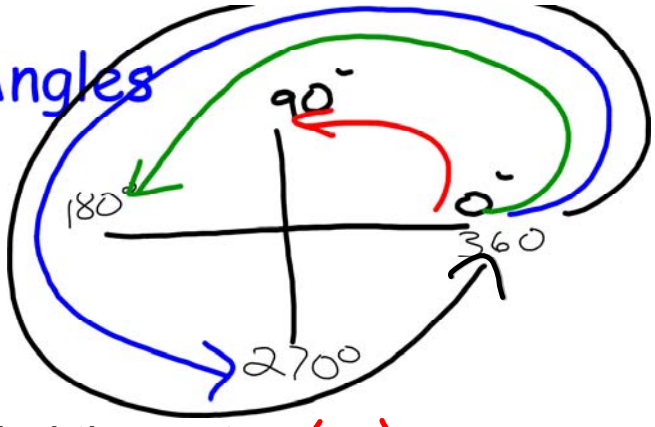
# Types of Angles



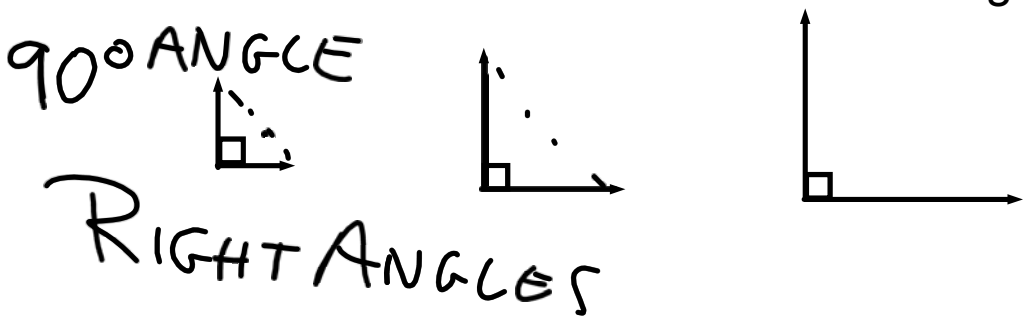

Angle - need 2 sides:

1) line segments

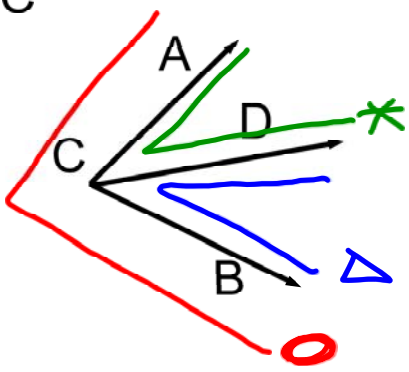
2) or rays

and join them at one end, called the vertex.

What is different and the same about the angles below?



Locate ∠C




VERTEX IS ALWAYS IN THE MIDDE

The problem: there are 3 of them

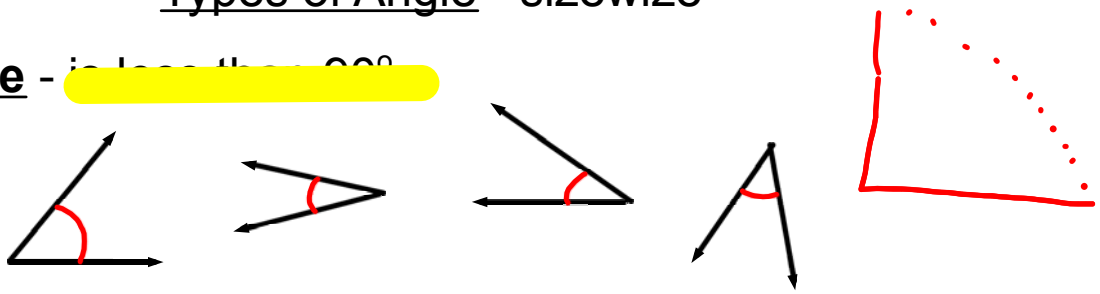
So, How to **label** an angle?

- top angle is ∠ACD or ∠DCA
- bottom angle is ∠BCD or ∠DCB
- large angle is ∠ACB or ∠BCA

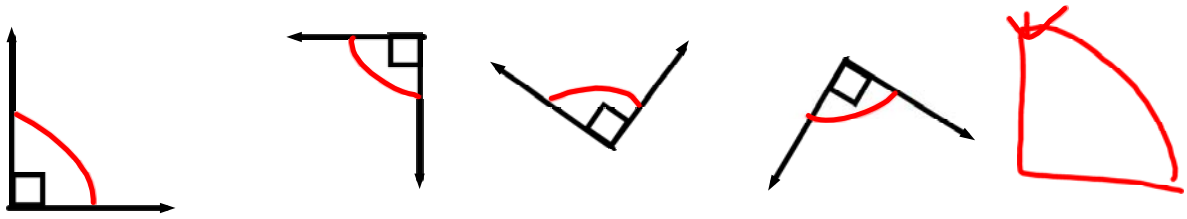
middle letter is always the vertex

Types of Angle - sizewize

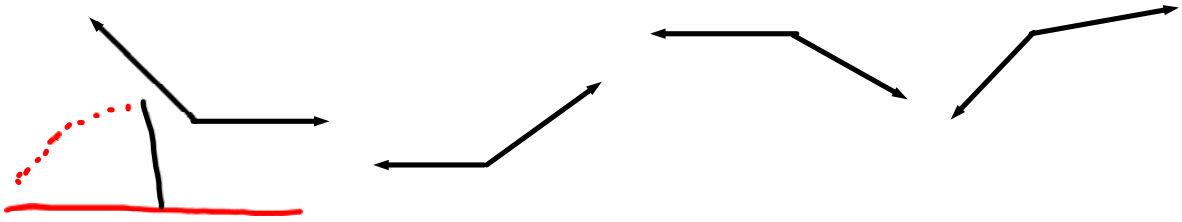
**Acute** - is less than 90°



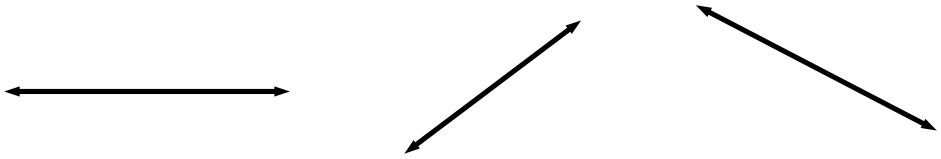
**Right** - is exactly 90°



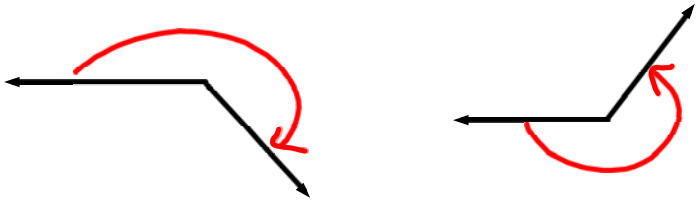
**Obtuse** - is between 90° and 180° (but can't be either)



**Straight** - is exactly 180°



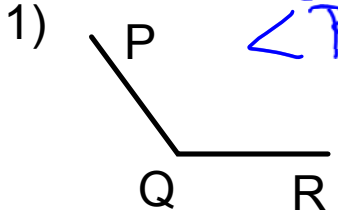
**Reflex** - is between 180° and 360°



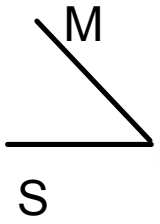
Together

Label (2 ways) and Classify the angle

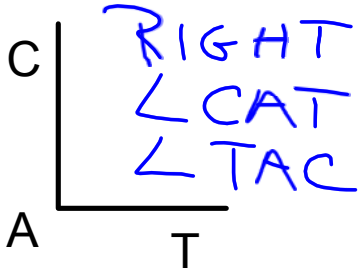
OBTUSE

1) 


∠PQR
∠RQP

2) 


ACUTE
∠MNS
∠SNM

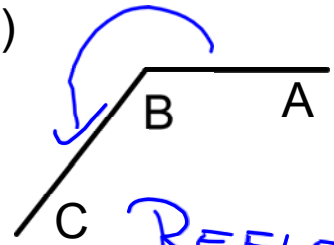
3) 


RIGHT
∠CAT
∠TAC

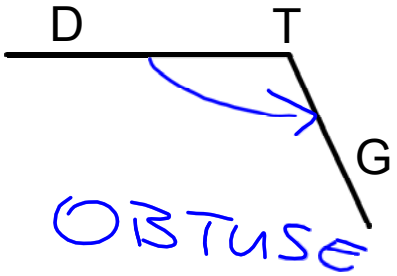
4) 


STRAIGHT
∠CDE
∠EDC

Try

5) 


REFLEX
∠CBA
∠ABC

6) 


OBTUSE
∠DTG
∠GTD