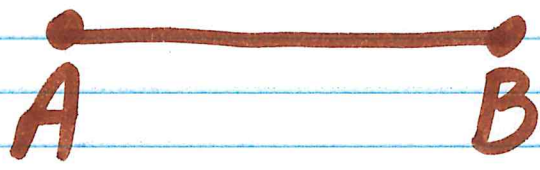


8/16/2021

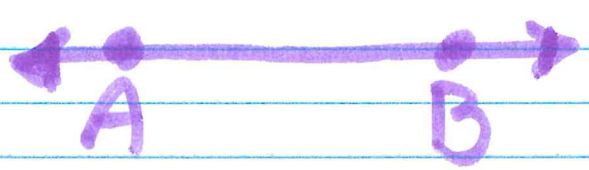
Lesson 1

point: dot

line segment: line w/o arrows



Line: Line w/ arrows



parallel lines: lines that never intersect (touch)



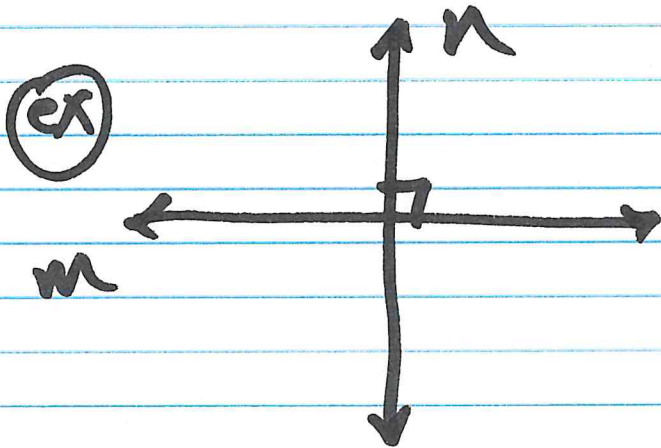
↑ parallel

(||) symbol

①

perpendicular lines: to
lines that intersect form
 90° \angle 's

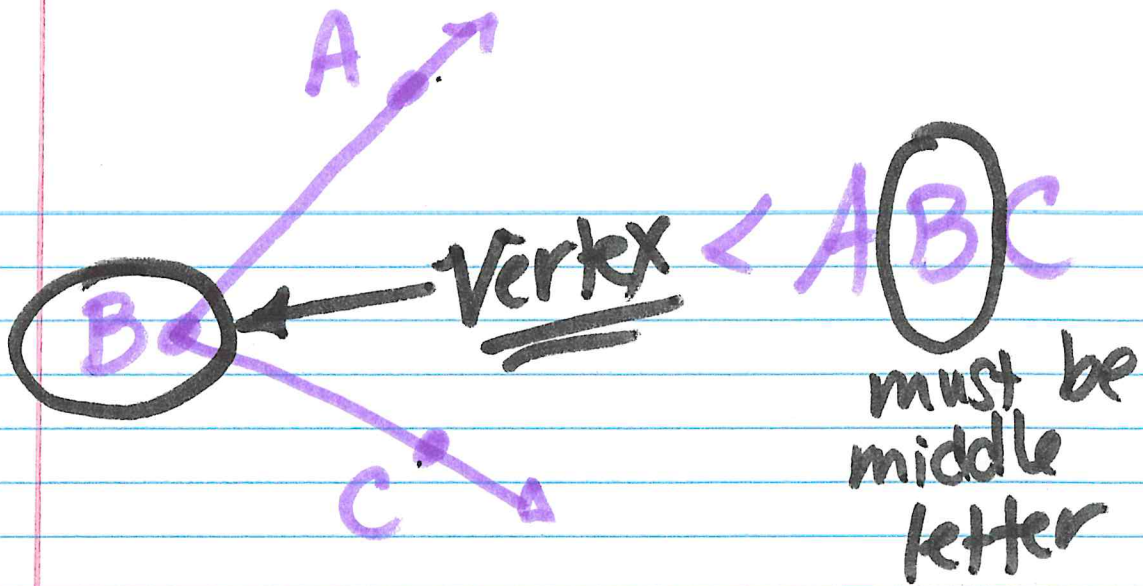
Symbol (\perp)



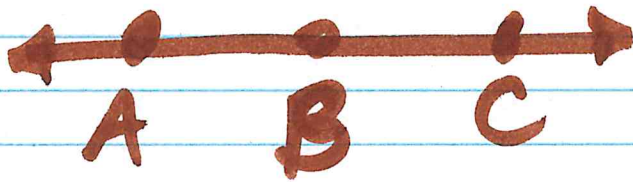
ray: one-way sign
(1 arrow)



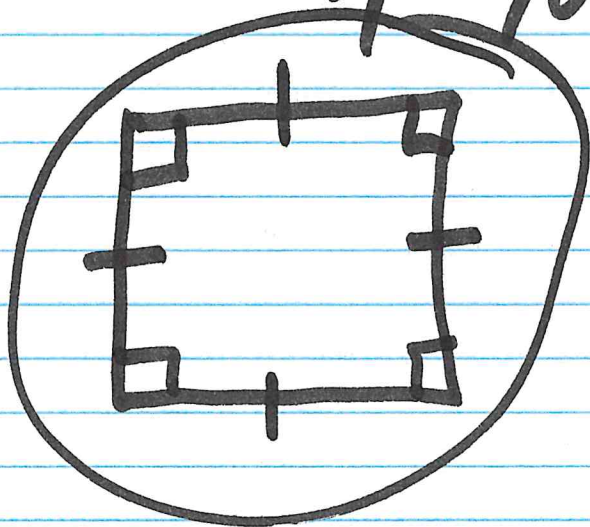
Angle: 2 rays that start at a
vertex



Collinear: 3 points on same line



Square: 4 congruent sides
4 90° \angle 's



Tick marks (sides)
 \square 90° \angle 's

(3)

Equal Versus Congruent

(numbers)

Symbol ($=$)

(Shapes)
angles

lengths

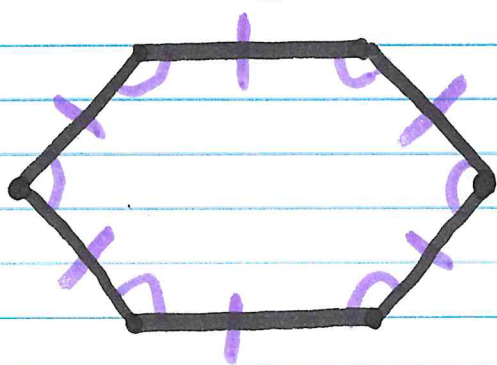
Symbol (\cong)

Regular:

- All sides (\cong) [length]
- All angles (\cong) [measure]

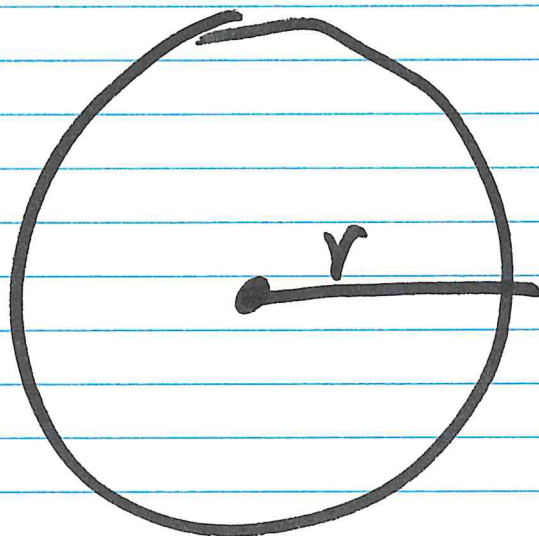
Regular Hexagon:

- 6 sides all (\cong) (tick mark)
- 6 angle all (\cong) (arcs)

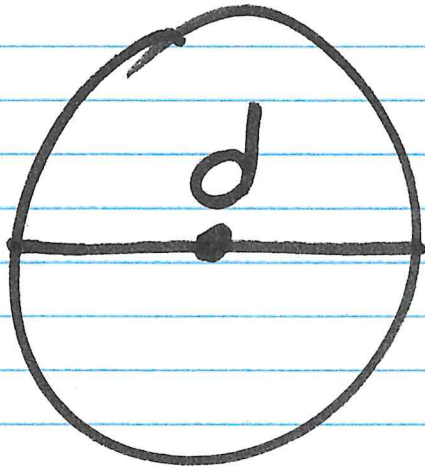


Radius: Center to edge of circle

r - radius



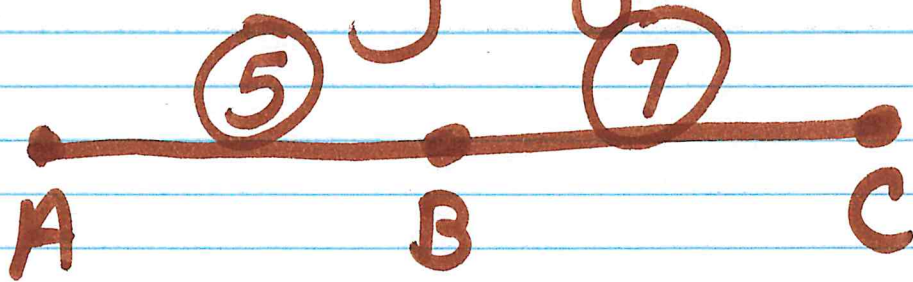
Diameter: distance from edge to through the center



$d = \text{diameter}$

• Segment Addition

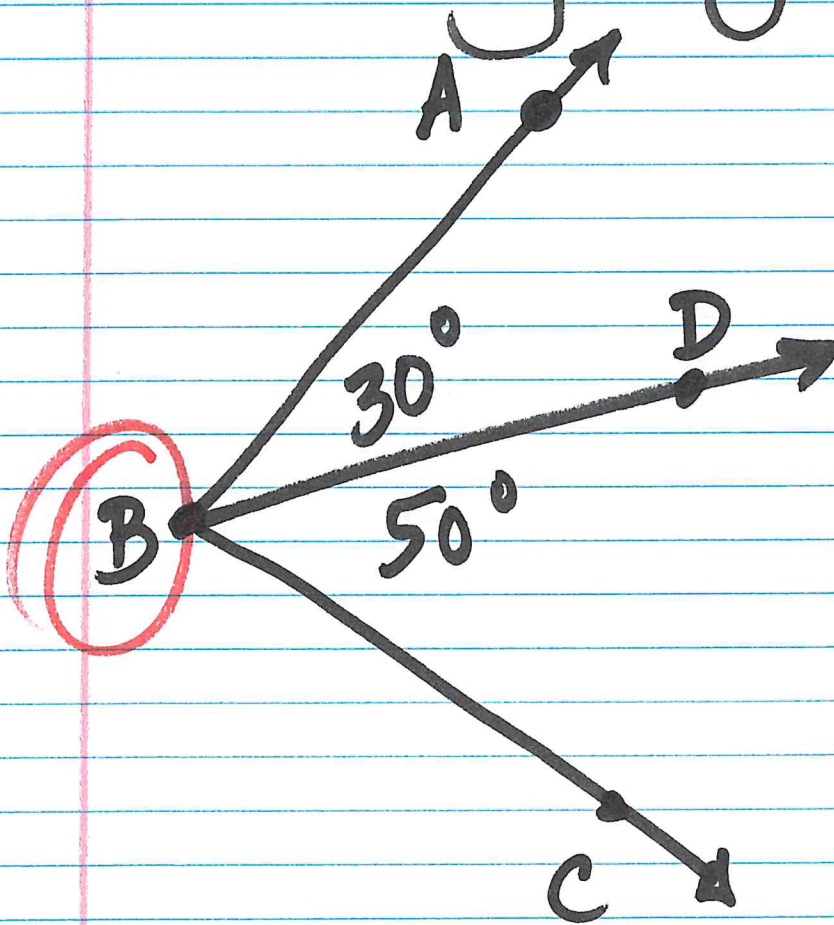
adding segments



$$\overline{AB} + \overline{BC} = \overline{AC}$$

$$5 + 7 = 12$$

Angle Addition: adding angles



$$\angle ABD + \angle DBC = \angle ABC$$
$$30^\circ + 50^\circ = 80^\circ$$