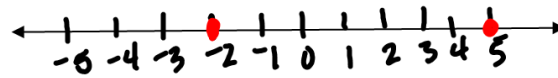
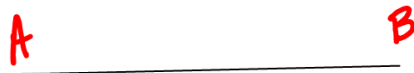


# 1.2 Measuring Length



Distance from -2 to 5  
 Subtraction  
 Absolute Value

$ 5 - (-2) $	$ 2 - 5 $
$ 7 $	$ -7 $
7	7

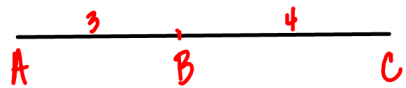


Name  $\overline{AB}$

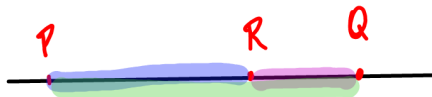
Figure

$5\frac{3}{8}$ '' Numerical  
 $m\overline{AB} = 5\frac{3}{8}$ ''

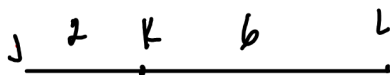
$AB = 5\frac{3}{8}$ ''



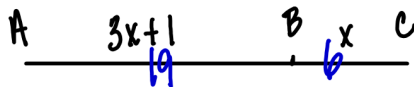
$AC = 7$        $AB + BC = AC$   
 $AB = 3$        $3 + 4 = 7$   
 $BC = 4$       Part + Part = Whole  
 Segment Addition Postulate



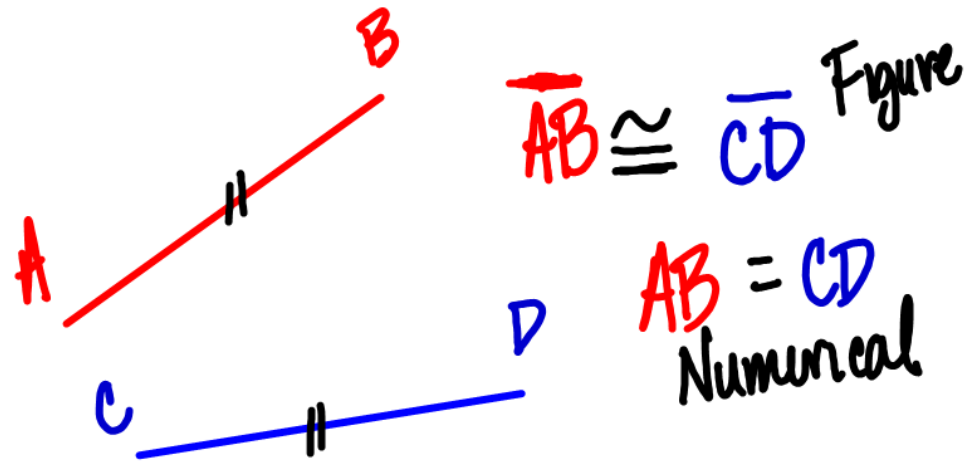
If R is between P & Q on  
 a line, then  
 $PR + RQ = PQ$



$JL = 8$

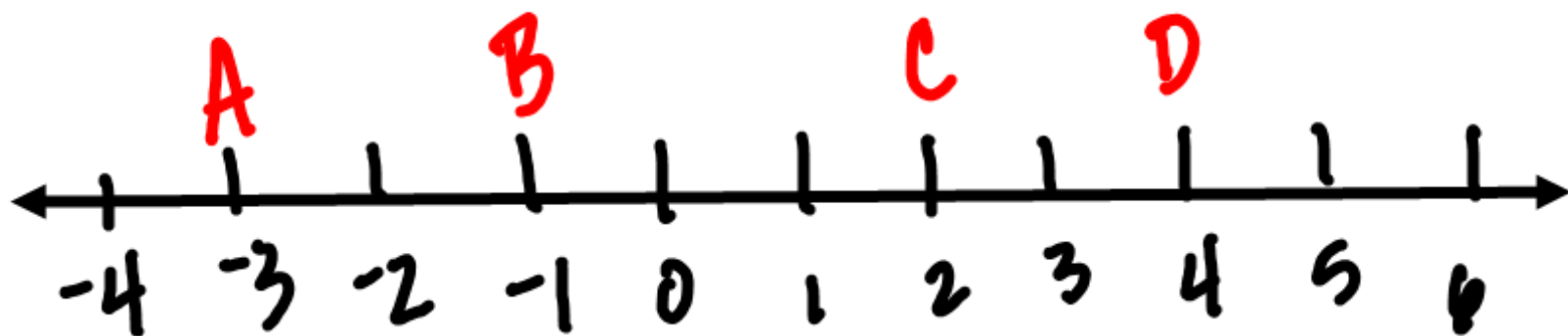


$AC = 25$   
 Part + Part = Whole  
 $3x + 1 + x = 25$   
 $4x + 1 = 25$   
 $\frac{4x}{4} = \frac{24}{4}$   
 $x = 6$   
 $x = 6$   
 $AB = 19$   
 $BC = 6$



Congruent  
 $\cong$   
 Same Size  
 Same Shape

If  $xy = yz$  then  $\overline{xy} \cong \overline{yz}$   
 Numerical Figure

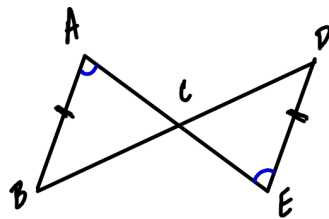


$$\overline{AB} \cong \overline{CD}$$

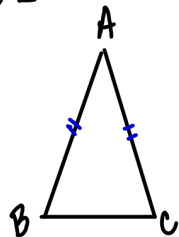
$$AB = CD$$

$$\overline{AC} \cong \overline{BD}$$

$$AC = BD$$



$$\overline{AB} \cong \overline{DE}$$



$\overline{AB} \cong \overline{AC}$   
Isosceles  $\Delta$

p23

or 28.  $XY = 5000$

No 29  $\overline{PQ} = 32$

No 30  $m\angle ST = 6$

or 31  $XY + XZ = 32$

or 32  $m\overline{PR} = 46$

No 33  $\overline{XY} - \overline{XZ} = 12$

p22 12-24 E

18

$$\overline{AB} \cong \overline{CD} \cong \overline{EF}$$