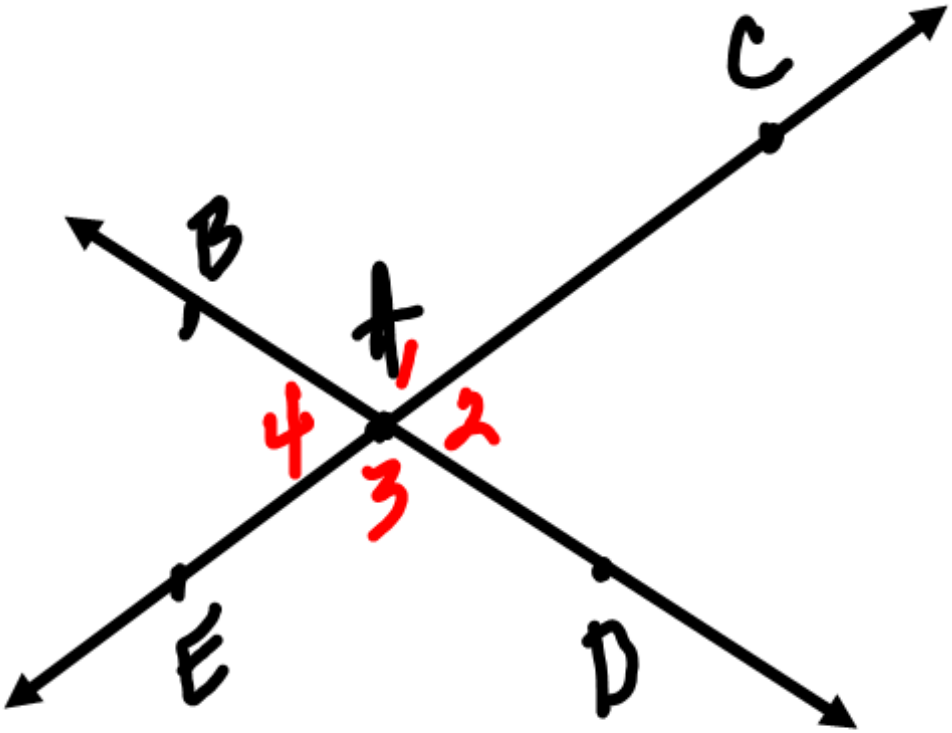
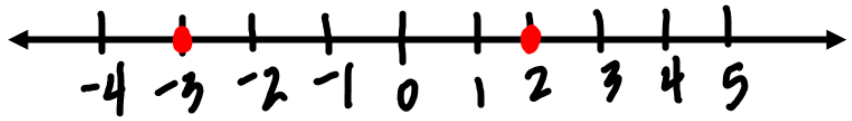

C
B
A
1
4
2
3
E
D

1.2 Measuring Length



$|-3-2|$ $|2+3|$

$|-5|$ $|5|$

5 5

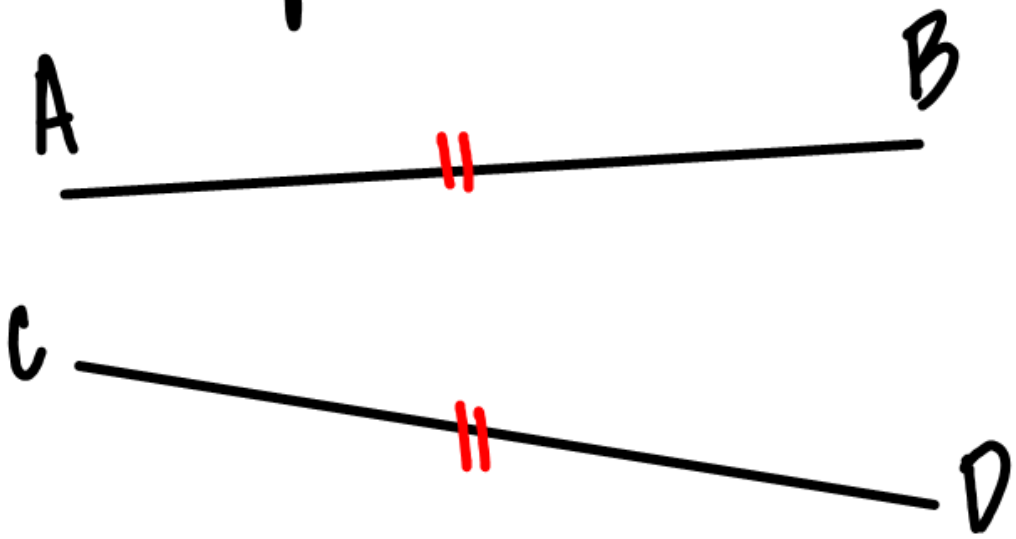
$\overline{AB}$ picture

Number

$AB = 5$

$m\overline{AB} = 5$

Same Length



$AB = CD$

Numeric

Congruent $\cong$

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

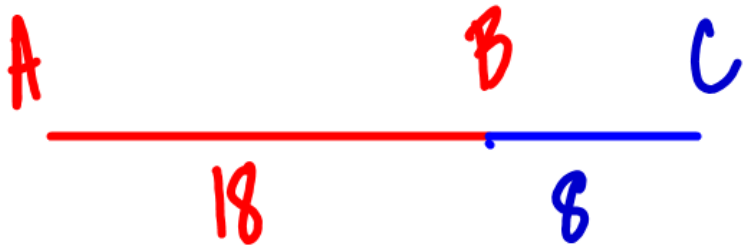
p19

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

$AC = BD$

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

$\overline{BE} \cong \overline{DE}$



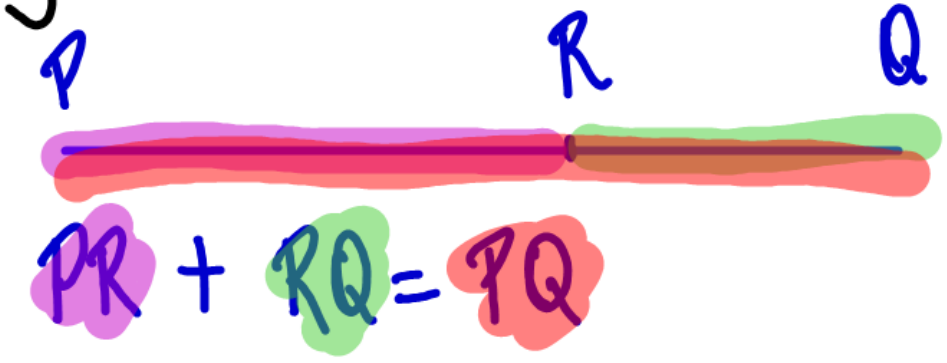
$AB + BC = AC$

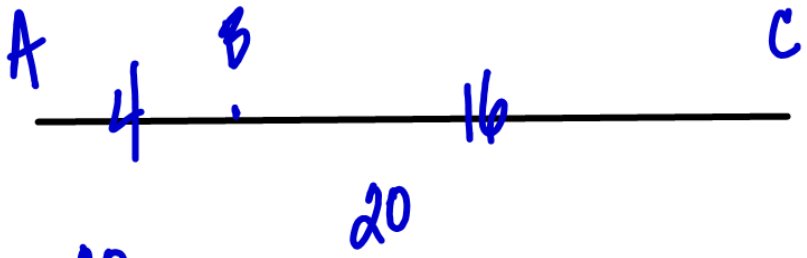
$AC = 26$

Part + Part = Whole

Whole - Part = Part

Segment Addition Postulate

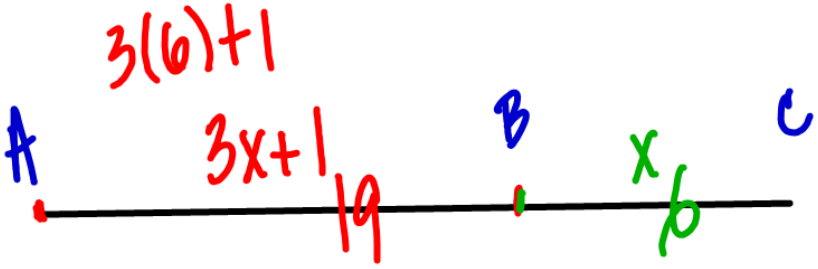




$AC = 20$

$AB = 4$

$BC = 16$



$AC = 25$

$$3x+1 + x = 25$$

$$4x + 1^{-1} = 25^{-1}$$

$$\frac{4x}{4} = \frac{24}{4}$$

$$x = 6$$

$RS + ST = RT$

$JK + KL = JL$

$JK = 8$ in

$JL = 15$ in

$KL = 7$ in

p23

Correct

28 ok

29 NO $m\overline{PQ} = 32$ or $PQ = 32$

30 NO $m\overline{ST} = 6$ $ST = 6$

31 ok

32 ok

33 NO $m\overline{XY} - m\overline{XZ} = 12$

$XY - XZ = 12$

p22 12-24 E

18. $\overline{AC} \cong \overline{BD} \cong \overline{DF} \cong \overline{CE}$

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