Name	Key		
	1 ()		

Date	Pd	

## CYU 1.2 Segments

☐ Use when you get it right all by yourself

S Use when you did it all by yourself, but made a silly mistake

HUse when you could do it alone with a little help from teacher or peer

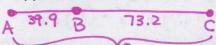
G Use when you completed the problem in a group

X Use when a question was attempted but wrong (get help)

NUse when a question was not even attempted

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Compute distance on a number line.	1,2	9	3,10
Segment addition postulate.	7	5,6,80	4,86,11

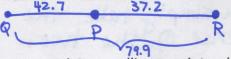
Suppose B is between A and C. If BC = 73.2u and AB = 39.9u, what is AC?



$$AC = AB + BC$$
  
= 39.9+73.2

287

2. State the "betweeness" relationship if QP = 42.7u, QR = 79.9u, and RP = 37.2u.



between

3. A, B, and C are collinear points with coordinates a, b, c respectively. a. If b = -10, c = 4 and BA = 287u, find BC and CA, give 2 possible answers.

BC= |-10-4|= |-14 = 14u

A, C = 287-14 = (2734) a = - 297

10 cm b. C is between A and B. AC = BC, CB = 10cm, and c = 14. Give 2 possible coordinates 10cm AB or BA



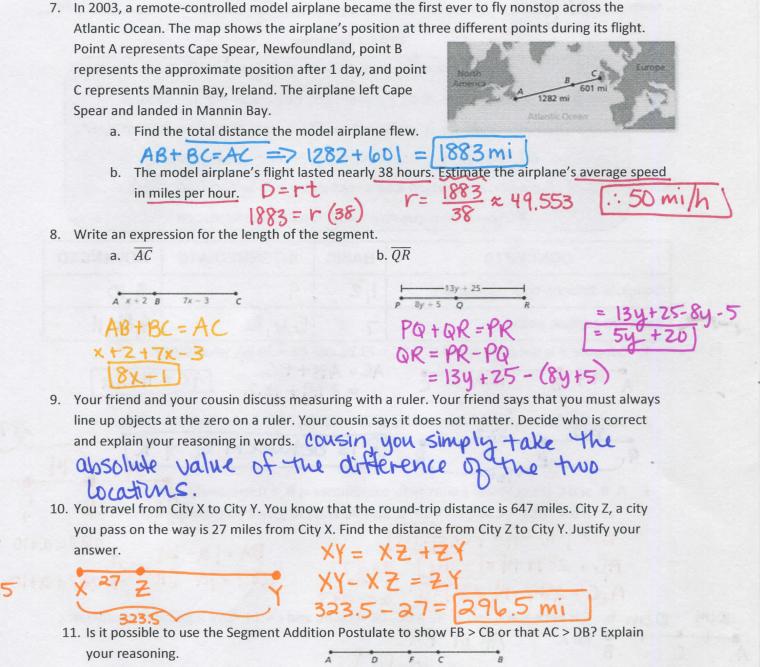
$$a_1 = 14 - 10 = 4$$
 $a_2 = 14 + 10 = 24$ 

4. AB = 3x - 4, AC = 40m and AB = BC Find x.

$$40 = 3x - 4 + 3x - 4$$
 $40 = 6x - 8$ 

6. Find FH.

$$X = 20$$



yes, no; FC+CB = FB

SO FB>CB. AC & DB overlap, but do not share an

CYU Reflection: How far can you go: basic, intermediate, or advanced? endpoint

Rate your mastery level!



