Angle Relationships Inter	
Name: 1	Hr
Detailed directions because of MAP testing:	
Since the accelerated class as a whole is not foundations class, with work ethic and homework study skills, we are comp postponed because of students not completing homework, check cannot happen in an accelerated course, as there is not enough this is your last opportunity to master your material. If you are	pleting this intervention. Two lessons have been king answers online or asking questions. This a time to spend 5 days on one concept. Therefore,
the concepts prior to your quiz and test.  You will:	
a.) complete this assignment	
b.) check your answers online use RED pen to show any correct.) bring in any questions you will need to write them down on	etion you make (DO NOT COPY WORK)  I your assignment, in red, PRIOR to coming into
class	
d.) earn a grade based on the quality of work you provide You have a quiz on this material, segment relationships	s, distance and midpoint on Wednesday, Sept.
17th. No extra time will be provided for the quiz. Failure to pre-	
your quizzes on time and earning low scores. It is my hope you	
help you be successful on your quiz! I have faith in all of you are	ad know you can exceed high expectations! Let's
do this ACC Geometry!	
a.) Draw the picture if one is not given to you. b.) Set up your geometry first and justify you set up. c.) Justify all steps. Note* You may not change or rename any angles	res of the angles using correct units on your final than differently) $\frac{2 = 69}{2 = 23}$ $2 = 23$ $3 = 23$ $4 = 23$ $2 = 23$ $3 = 23$ $4$
<b>2.</b> $\overrightarrow{FC} \perp \overrightarrow{FB}$ . If point E lies in the interior of <cfb, <="" <math="" find="" such="" that="" x="">CF.</cfb,>	
a.) No Picture is drawn so vo	ou must draw one.
b.) KCFE+KEFB C.) 8 x-2+2x+13 = 90	= 90° def of 1 * Not 2 addition * Substitution must set up:
F B 10x +11 =90' -> C	LT CEE + CEFB = CEB +

 $10 \times = 79 \rightarrow \text{subtraction}$   $x = 7.9 \rightarrow \text{olivision}$ 

CCFE + CEFB = CCFB \* Ongre addition

Then you still need the 1st blue step

**3.** If  $\langle SXT=3a-4, \langle RXS=2a+5, \langle RXT=111^{\circ} \rangle$ . Find a and the measure of  $\langle RXS \rangle$ .

b) RXT = < RXS + < SXT

c.) 111° = 2a+5+3a-4

111 = 5a+1

110 = 5a

22=a

<RXS = 2(22) +5 substitution</pre>

angle addition

substitution

CLT

Subtraction

division

 $\overrightarrow{HL}$  is an angle bisector of <KHI,  $\overrightarrow{HJ}$  bisects <KHG and  $\overrightarrow{HJ} \perp \overrightarrow{HL}$ .

You may not change or rename any angles

**4.**  $< KHG = 70^{\circ}$ , and < 1 = 3d + 2. Find d.

<1 =<2 def at L bisector

< KHG = <1+<2 angle addition mus < KHG = < I + < I substitution

70=3d+2+3d+2 Substitution

70 = lod + H

66 = 6dl = 69 6

CLT

subtraction

division

**5.** Find m <KHL if < IHL = 4y + 11 and < KHL = 6y + 5.

≺IHL =
KHL def of 
bisector

4y+11 = by+5 substitution

11 = 2y+5 Subtraction

6 = 24 Subtraction

division 3=4

< KHL = 6(3)+5 substitution

show whatis being asked of your Giving you know what you want to make don't make the way to ma Now one work of to

somethings degrees