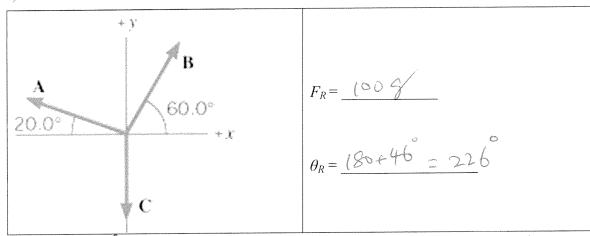
PHYS 101H

VECTORS

Name: KEY

Use the graphical method to find the magnitude (F_R) & direction (θ_R) of the resultant for the three vectors shown below. (A= 100-g, B = 50-g, and C= 150-g). Here you need to draw a vector diagram, using a protractor and ruler, following the tail-to-tip method, to scale. Show the direction of the vectors and identify F_R & θ_R in the drawing.



Scale: 1 inch = 509	
√ ○	
270	
	, o ⁰
	400
	ļ
	A C C C C C C C C C C
2	160
<i>V</i>	
	46 X S
	Fe = 2 inch = 100g 00
	1 Dinus
	,,/
	1,/
	0^{0}
	<i>C</i>
	00