

x comparent of A is +5.2 Instead als SOFICAHTOA Opposite -> sine Adjacent -> cosine = 15 B is o an angled rite B in terms of its vector comparents = - 155h(20) (+ 15cos(20)) NOTE: Bx = 5.13, By = 14.1 B=-Bx2+By?

A= 72-49 B= -32-29 If C= SA+4B, what is The magnitude and direction of C?

* length and an angle 3

$$+\frac{5}{4} = \frac{35}{35} - \frac{20}{20}$$

 $= \frac{23}{20} - \frac{28}{3}$

101=123+282 7=36.2

0 = tan (28) = 50.6

By convention, would report as "-50.6"

3 (cs)(20) £ 2(65)42/A)-