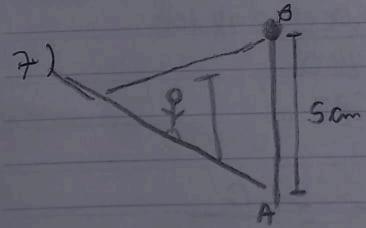


 $a^2 = b^2 + c^2 - 3.b.c. \cos \tilde{A}$ $a^2 = 50^2 + 30^2 - 2.50.30.(0.70.71)$ $a^2 = 2500 + 900 - 3000.(0.70.71)$ $a^2 = 2500 + 900 + 2.121.3$ $a^2 = \sqrt{5.5213}$ $a^2 = 74.30$

0,5x=4.0,866 0,5x=3.464 0,5 0,5 0,5

0,5 y = 4 0,5 y = 8



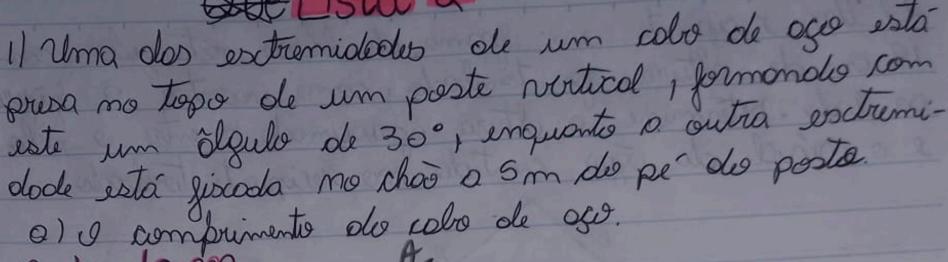
$$a.) .90 - 30 = 60$$

$$\frac{5}{1,80} = x + 4m$$

0 3 5 0 0 1 5 / Diop 1 memon: I De DY = DC tg. 95° = co Amoion: tg. 30 'su -b 0,57= DU 12+50 0,57 (12+x)=x 6,84+0,57 x=x 6,84=1x-0,57x 6,43x=6,84 X=15,90 Lb. 0,43 COS 75 = 0,2598 R2 = a2+62 = 2a.c. eas.B B2 = 800 2+6003 - 2.800.600.0,2588 B2:640 000 +360 000-1600.600. 0,2588 800 B2 = 1000.000-960000.0,2588 B2=1000.000-248.160 B= 1751.840 B= 867,087 m D 7 60 7 6 45+60+B 0,707 0,9659/ 0)866 0,9659 C =60.0,8 180-105 0,9659A=60.0,707 B=75° G= 51,96 = 537 A = 42,42 ~ 43,92 0,9659 0,9659

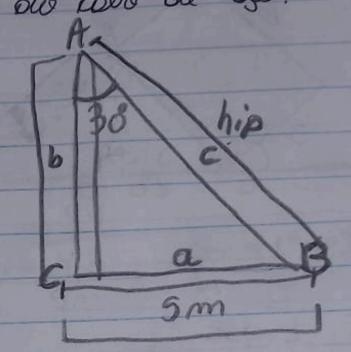
2) Um recipiente em germo de blucco retorgular, com 18 cm de obtura, goi tiembodo, como mostra a giguro co lado betermine a obtura oproscimado h entre o palo e o mírel do ogua contida no recipiente tienbado Cos (30°) = TOC 18. 43 = 200c 18. V3 = TO 9/3=100 3) Determine o volor de so ma sigura ou lado:

Que Lista 2



mede 10 m

2 hip



b) A oltura do poste ton (30°) = 5

S F Q Q 3 5 area b.c. sen n2

27,06 = 13,53 m²

2 6,25.5.0,860