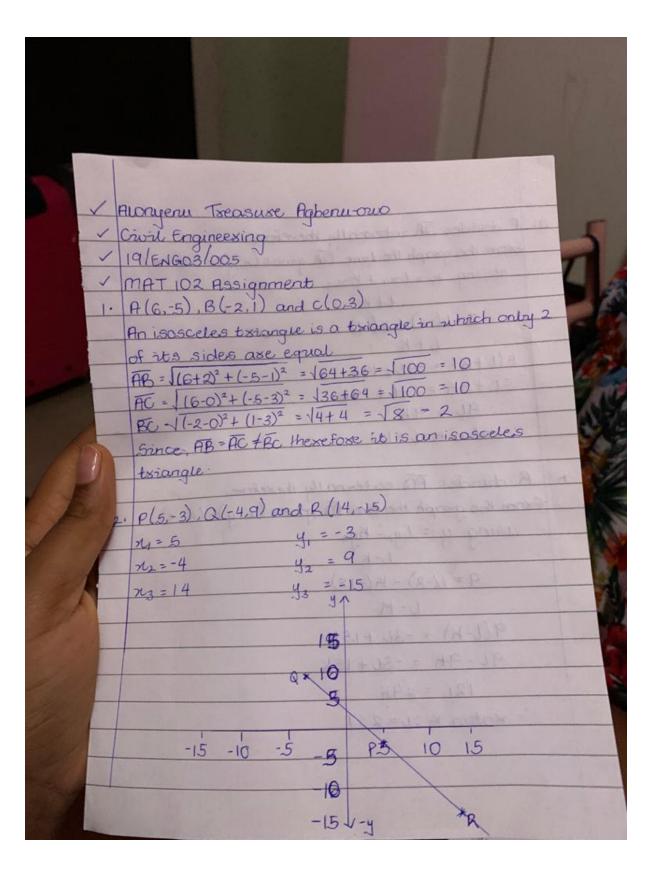
## NAME: ALONYENU TREASURE AGBENU-OWO

**DEPARTMENT: CIVIL ENGINEERING** 

MARTIC NUMBER: 19/ENG03/005

**MAT 102 ASSIGNMENT** 



a. P divides QR internally therefore, From the graph the line OR gives (x,y) = (4,14) rising x = ln, + Kx2 L+K 0) 5 Los 5 = U(-4) + K(14) 5(L+K) = -4L+14K 56+5K = -46+14K 96 = 96 " ×atio K: 1=1:1 000 000 00 00 00 00 b. R divides PQ externally therefore. From the graph the bine Pa gives (x, y) = (5,-3) using y = by - ky -9=1(-3)-K(-15) L-K 9(L-K) = -36 +15K 9L-9K = -3L+15K 126 = 244 .. satio K: L= 2:1