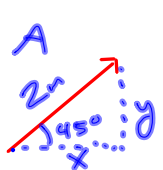


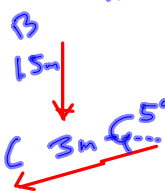
SOVI (AHI TOA)



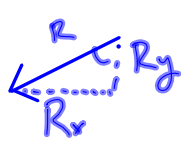
A
2m
45°
x
y

$x_A: \cos 45 = \frac{x}{2m}$
 $x_A = 2 \cos 45$

$y_A: \sin 45 = \frac{y}{2m}$
 $y_A = 2 \sin 45$

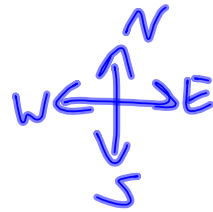


B
1.5m
C
3m
5°



R
Rx
Ry

$R_x = A_x + B_x + C_x$
 $R_y = A_y + B_y + C_y$
 $R^2 = R_x^2 + R_y^2$
 $\tan \theta = \frac{R_y}{R_x}$
 $\theta = \tan^{-1} \left(\frac{R_y}{R_x} \right)$



30° North of west

