

Vand = V12 + V2 + - - - Vn2 Here; V= 9x106 m/s, V= 1x106 m/s, n=2 - - Vand = \(\left(9x 166)^2 + \left(166)^2 \) $= \frac{16^2 (81+1)}{2}$ = 106 J41 [Norms = 106x 6.4 m/s]