Ex) A person walks first at a constant speed of 8.0 m/s along astraight line from A to B and then back along the line to @ at a constant 4 m/s. Ans: Vavg = St = SAB + SBA but SAB = SEA = S $= \frac{28}{5 + \frac{8}{3}} = \frac{2}{\frac{1}{3} + \frac{2}{3}} = \frac{28}{3} = \frac{18}{3} = 5.3 \text{ m/s}$