Example 1 Seconds 1-1-3-4+3+4+] [+P] 6 + [4+] L 4 - 9 [++] +7 - 5-1-3+2 4.2+2-1 + 4.2+ 3+2 -8+ + 4 Velocity of the particle at time t, N(+) = 3+2-8+ +4 for +>0 At t= 0.5 second, the velocity of the particle is V(0.5)=3(0.5)2-8(0.5)44 0.75 meters second along straight line at t = 0.5 seconds At t= 1 second, the relocity of the particle is N(1) = 3(1) = 8(1) + 4 -1 maters / second, particle is moving I meter per second backwards along the straight line at t= | second



