

Exit relacity off ramp
4.68 m/s  $F_{riction} = .15(100)9.8$ 47 = 100a  $-147 \, \text{m/s}^2 = a \, \text{fridge}$ Time to stop = 3.185 5 = 4.68 (3.18) 5 = 7.44 m