102+v2=2·(-9.8).5 -v2=-98-100 10m/s 10m/s - V2=-198 F 32=198 v=(1407 m/s 68) Dx= 12+2 a)30s b) 60 m/s / 1=100 Dx=30+ + 100-2= 12-(1,9-+) 30+= +2 100 12(9.9-+)=x 0 = +2-30+ $z = \frac{12}{5} + 12 = a \cdot 3.13$ 0 = + (+-30) a = 3.83 += 0,30 100-118.9+12+= 6t -18.8 = -6+ V=2.+ += 3.13 100. 0.23 = 6.440 72) 7.45 m/s2 (used des mas) b) v(2)=10,95 V(10)=24,49 $\frac{1}{2}\sqrt{\frac{2P}{m}}\cdot \frac{1}{\sqrt{7}} = \frac{1}{2}\sqrt{\frac{1}{2}}$ c) a(2)=5,42 m/c2 9 (10) = 2.95 m/s2 80) 3.6m/52 335 a) 10s 6)3.83 11/52 $\Delta x = \frac{1}{3} \cdot 3.6 \cdot 3\frac{1}{3}$ c) 6.4% 80m = 6.675 + 3 = 10s Δx=20m -V= 12m15 2012 v= at