Unit convecsion 1 km = 1000 m /1000 1km = 1000 m 1 mi = 1.6 km 1 Hour = 60 min 1min=605 1kg=2.2 lb 1kg = 1000 g 30 m/s = x mi/h 1hc = 60min/60 = 60 mi /h tohr = 1 min Ikm = L mi 1m = 1000 · 1.6 = 1600 Mi 12 = 20. 60 = 3500 pc 30 m/s = 30. 15 = 30 . 1600/ 1600 = 30. 16 K2 = 15.9 = 135 mi/h = 67.5 mi/h 36 km/h=> x m/s Significant figures 36 => 2 significant figurs 0.01542 => 4 significant figures 0.1055 => 4 sig 38.600 ⇒ 5 sig 38.5995-38.600 Ex=10^X 38.55-38.6 64 000 000 = 6.4 . 10 OC 6.4 E7 38.015 => 5 sig 721000000 = 77.21 × 100 000 000 = 7.21 × 108

7.21 E8

Velocity Which is faster? ice cceam V1= 65/06= 50-0/56 = 50 m/55 = 10 m/s V2 = \$5/4 = (-30-50)/105 = -80 m/106 = -8 m/s 06. 1/2 05/At.01 15 m/s to was, Dt.V= Ds. (st.51) St= Dt.V=40\$. 15 m/\$ = 600 m 40 m/s at= 65 oss at .V -20m - Si = 6x - 40 m/s -Si = -240m+20m -Si = -220m Si = 220m