

University Physics I

Answer Sheet – Homework Set 3

Questions beginning with ** do not have answers on this sheet.

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|-------------------------|------------------------|
| 11.5 m/s | 66 km |
| 50 m/s | 0 m/s |
| 12 m/s | 1.87×10^8 yrs |
| 7.82 mph/s | -3.71 m/s |
| 0 yds/s ² | 15 m/s |
| 2.3 m/s | 16.1 m/s |
| 18.57 m | 0 m/s |
| 41 m/s | 1.6 mph/s |
| 1.098 s | 12 m/s |
| -23.58 m/s ² | 13.3 s |
| 0.715 m/s ² | 262.5 m |
| 8.12 yds/s | 3.5 m/s ² |
| 0 m/s | 4 s |
| 28.57 mph/s | -2.4 m/s |
| 30 km South | 12.77 m/s ² |
| 8.9 yds/s | 20 m/s |
| 0.5 m | |