

University Physics I

Answer Sheet – Homework Set 9

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

16 J	36.9°
471.7 J	0.616 m/s^2
2758.7 N	40 N/m
24 J	21 J
3492.7 J	2.4 megatons
2.18×10^{-18} J	44.2 m/s
16 J	15,609 J
1.008×10^{16} J	-1.232 m/s^2
4502 N	-0.252 m/s^2
-3 J	5.87×10^5 J
No motion	$3.945 \times 10^{13} P_{sun}$
No motion	0.456 N
No motion	36266.9 J
541.8 J	28.9