

Spring Final Review 1st Installment Answers

1. 78.9 s
2. 596.8 N
3. 117.6 W
4. -150,000 N
5. 8 m/s
6. 22.5 m/s
7. 3.62×10^{27} N
8. 78.96 N
9. 0.374 m
10. 35.6 m
11. $r = 18.54$ m; $F_N = 1316$ N
12. 34.29 m/s
13. 295,312.5 N
14. -1181 J
15. 4×10^8 N/C
16. 1.86 m