All the problems are from the text book by Griffiths.

1. Problem 5.1

2. Problem 5.2 (a), (b) and (c). Make a figure to show the motion of the particle in each case. Explain the result of part (a).

3. Problem 5.3

4. Problem 5.5 (a) and (b)

5. Problem 5.6 (a) and (b)

6. Problem 5.8; only part (a)

7. Problem 5.11

8. Problem 5.19 (a), (b), (c) and (d). Please give numerical answers in SI units.