<u>Units and Significant Figures 2 **ANSWERS**</u>

1.
- a) 2
- b) 4
- c) 4
- d) 2
- e) 3

2. Zeros to the left of the first non-zero digit are not significant (they just show how small the number is)

3. The least precise value used has 2 s.f. So we must round our answer to 35

4. The least precise value used has 1 d.p. So we must round our answer to 1.1

5. $m\ s^{-1} \times s = m$

6.
- a) 0.52 N s
- b) 20 N
- c) 0.64 N kg^{-1}
- d) 131 kg
- e) 4400 kg m s^{-1} (2 s.f.)
- f) 3184 m s^{-1}
- g) 594 N
- h) 7 m