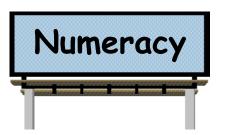
## S1 Level 3 Formal Homework





- 1. Calculate: - (marks will not be given if working is not shown for d, q and h)
  - (a) 37 x 1000
- (b) 200 x 38
- (c)  $3.9 \times 10$
- (d)  $8.1 \times 300$

- (e) 140.5 ÷ 100
- (f) 72900 ÷ 1000 (q) 24 ÷ 400
- (h)  $62.1 \div 60$

- Calculate:-2.
  - (a)  $45 3 \times 5$
- (b)  $105 \div (1 + 4)$
- (c)  $7 + 10 \times 4 26$
- 3. Round each number below to the nearest
  - (i) ten;
- (ii) hundred;
- (iii) thousand:-

- (a) 4871
- (b) 15728
- (c) 998799
- 4. Round each number below to
  - (i) 1 decimal place; (ii) 2 decimal places:-
  - (a) 2.7814
- (b) 0.1154
- (c) 23.9781
- (d) 0.9999

- Round each number below to 5.
  - (i) 1 significant figure;
- (ii) 2 significant figures:-
  - (a) 24560
- (b) 0.00865
- (c) 3.998
- What is the cost, in £, of a box of 25 rulers if one ruler costs 48 pence? 6.
- 7. 48 workers in a factory share a lottery win of £9990. By rounding first, estimate the amount each worker will receive.
- Cans of Coke are sold in packs of 6 for £2.70 or packs of 8 for £3.36. 8. Which is better value for money?

Give a reason for your answer.

9. A lift can carry 1000 kilogrammes. Jamie has 60 boxes each weighing 15.5 kilogrammes. Will the lift be able to carry all the boxes? Give a reason for your answer.