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┌─────────────────────────────┐
│        National 4           │
│   Homework Exercise 1       │
│        Numeracy             │
└─────────────────────────────┘
```

1. Complete all calculations below **without a calculator**.
   Show all working!

   (a) $6.99 + 9.9$ (b) $15.2 - 1.87$ (c) 5.39×10
   (d) $23.54 \div 100$ (e) $6216 \div 50$ (f) 4.3×600
   (g) 354×72 [7]

2. Round each of the following numbers to (i) 1 decimal place (ii) 2 decimal places.

   (*a*) $36 \cdot 344$ (*b*) $7 \cdot 861$ (*c*) $14 \cdot 659$ (*d*) $8 \cdot 994$
                                                                                                [8]

3. Write each of the following percentages as a:-
              (i) Decimal   (ii) Fully simplified fraction

   (a) 87%   (b) 20%   (c) 8%   (d) $12\frac{1}{2}$%   [11]

4. Kirsty scored $\dfrac{22}{25}$ in a Maths test and $\dfrac{17}{20}$ in her Science test.

   (a) Change each of Kirsty's scores to a percentage.

   (b) Which test did Kirsty do better?   [5]

5.   The clock radio cost £35.00 last month.
                            This month it was reduced by 40% in the sale.
                            What is the value of the clock after the sale? [4]
   ┌──────────────┐
   │ Clock Radio │
   │   £35   │
   └──────────────┘

6. When Ryan started Secondary School, his height was 1.30 metres.
   By the end of Secondary School, his height had risen by 30%.
   What is Ryan's new height?   [4]
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