1. Use your calculator to work out {Strand 1 to 4 answers should be given as decimal}

   (a) 5.1×3.4

   (b) $\dfrac{17.34}{5.1}$

   (c) $17.34 \div 5.1$

2. {square or cube}

   (a) 5.1^2

   (b) 5.1^3

3. {square root or cube root}

   (a) $\sqrt{26.01}$

   (b) $\sqrt[3]{132.651}$

4. {more complex fraction AND/OR mix of index and roots}

   (a) $\dfrac{5.67 + 1.09}{9.2 - 7.65}$

   (b) $7.2^3 + \sqrt{253}$

Write down all the figures on your calculator display.

Give your answer as a decimal.

5. {as strand 4 but now answer must be given correct to 1 decimal place - see 6(d) for wording}

6. {Control the end of root AND index can be 4 or more. Answer correct to 1 decimal place.}

   (a) $\sqrt{\dfrac{17 + 3.1}{5}}$

   (b) $\dfrac{\sqrt{17 + 3.1}}{5}$

   (c) $\sqrt{\dfrac{17}{5}} + 3.1^4$

   (d) Write your answer to part (a) correct to 1 decimal place.

7. {as strand 6 but correct to 1, 2 or 3 significant figures - see 8(b) for wording}

8. {with sin or cos or tan}

   (a) $\sqrt{15^2 - 9.2^2} + 15 \tan 36°$

      Write down all the figures on your calculator display.
      You must write your answer as a decimal.

   (b) Write your answer to part(a) correct to 3 significant figures.