1   Use your calculator to work out $\sqrt{\dfrac{\sin 25° + \sin 40°}{\cos 25° - \cos 40°}}$

(a) Write down all the figures on your calculator display.

....

(2)

(b) Write your answer to part (a) correct to 2 decimal places.

....

(1)

(Total for Question 1 is 3 marks)

2 Work out

$$\sqrt{\frac{2.5 \times \sin 43°}{8.2^2 - 50.5}}$$

Give your answer correct to 3 significant figures.

(Total for Question 2 is 2 marks)

3 (a) Write 7357 correct to 3 significant figures.

....

(1)

(b) Work out $\dfrac{\sqrt{17 + 4^2}}{7.3^2}$

Write down all the figures on your calculator display.

....

(2)

(Total for Question 3 is 3 marks)

4 (a) Use your calculator to work out $\dfrac{29^2 - 4.6}{\sqrt{35} - 1.9^3}$

Write down all the figures on your calculator display.

....

(2)

(b) Write your answer to part (a) correct to 4 significant figures.

....

(1)

(Total for Question 4 is 3 marks)

5 Use your calculator to work out

$$\frac{\sqrt[3]{1.57^4 + \tan 60°}}{7.2^{\frac{1}{2}}}$$

Give your answer correct to 3 significant figures.

....

(Total for Question 5 is 2 marks)