

1 (a) Work out the value of $\frac{25 - \sqrt{43.87}}{6 + 2.1^2}$

Write down all the figures on your calculator display.

$$= \frac{18.3765 \dots}{10.41} \quad (1)$$

$$= 1.765 \dots \quad (1)$$

1.765

(2)

(b) Work out the value of the reciprocal of 0.625

$$\downarrow \frac{1}{x} = \frac{1}{0.625}$$

1.6 (1)

(1)

(Total for Question 1 is 3 marks)