

1 / Nav has worked out $\frac{68.3 \times 42.8}{0.021}$ on his calculator.

His answer is 139 201.9048

Without using a calculator and using suitable approximations, check that his answer is sensible.
Show your working clearly.

(Total for Question 1 is 2 marks)

- 2 (a) Complete the following estimates by writing a suitable metric unit on each of the dotted lines.

(i) The distance from Paris to Berlin is about 1000

(ii) A bucket holds about 5 of water.

(iii) The area of the screen of a mobile phone is about 90

(3)

- (b) Write down an estimate for the height of a bedroom door in a house.
Use a suitable metric unit.

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(2)

(Total for Question 2 is 5 marks)

- 3 By writing each value correct to one significant figure, work out an estimate for the value of

$$\frac{8.23 \times 181}{0.482}$$

Show your working clearly.

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(Total for Question 3 is 3 marks)