6 Nav has worked out $\dfrac{68.3 \times 42.8}{0.021}$ 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 6 is 2 marks)

2 Change 32.4 m^3 into cm^3

.... cm^3

(Total for Question 2 is 2 marks)

2 Change a speed of 90 kilometres per hour to a speed in metres per second.
Show your working clearly.

.... m/s

(Total for Question 2 is 3 marks)

11 Change a speed of 72 kilometres per hour to a speed in metres per second.

.... metres per second

(Total for Question 11 is 3 marks)

7 Change a speed of 81 kilometres per hour to a speed in metres per second.

.... metres per second

(Total for Question 7 is 3 marks)

9 Change a speed of 27 kilometres per hour to a speed in metres per second.

.... m/s

(Total for Question 9 is 3 marks)

8

(b) Change a speed of 630 kilometres per hour to a speed in metres per second.

.... m/s

(3)

8 Change a speed of x kilometres per hour into a speed in metres per second.
Simplify your answer.

....m/s

(Total for Question 8 is 3 marks)

10 Change a speed of 50 metres per second to a speed in kilometres per hour.

.... kilometres per hour

(Total for Question 10 is 3 marks)

10 Change 22 metres per second to a speed in kilometres per hour.
Show your working clearly.

....km/h

(Total for Question 10 is 3 marks)

6 Change a speed of w metres per second to a speed in kilometres per hour.
Give your answer in terms of w in its simplest form.

.... kilometres per hour

(Total for Question 6 is 3 marks)