1 (c) Write the number 5.68 correct to one decimal place.

8>5. round up 6 to 7.

5.7

(1)

(Total for Question 1 is 1 marks)

Penny has worked out $\dfrac{81.3 \times 59.2}{1.9^2}$ on her calculator.

Her answer is $13\,332.299\,17$

Penny's answer is not sensible.

2 (c) By rounding each number to one significant figure, work out a suitable estimate to show that her answer is not sensible.
Show your working clearly.

$$\frac{80 \times 60}{2^2} \quad ①$$

$$= \frac{48\,00}{4}$$

$$= 1200 \quad ①$$

(2)

(Total for Question 2 is 2 marks)