1 The scale diagram shows the position on a map of a house, *A*

North

Scale: 1 cm represents 200 metres

A ✕

② (circled in red)

C
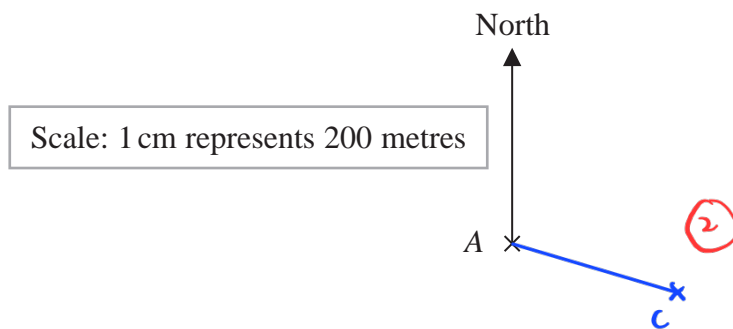
House *C* is on a bearing of 110° from *A*
The distance from *A* to *C* is 700 m

(a) Mark the position of *C* on the diagram with a cross (✕)
Label your cross *C*

$$\frac{700}{200} = 3.5 \text{ cm}$$

① (circled in red)

(3)

(b) Write the scale of the map in the form 1 : *n*

$$n = 200 \text{ m} \times \frac{100 \text{ cm}}{1 \text{ m}}$$

$$= 20\ 000$$

$$1 : 20\ 000$$

① (circled in red)

1 : 20 000

(1)

(Total for Question 1 is 4 marks)