

7. (i) With a scale of 1 : 100 000 how many kilometres are represented by 1 centimetre?

Answer: km (1)

(ii)



A forest ranger leaves home (H) to visit Willow Farm (F) which is 8 kilometres away on a bearing of 035° .

- (a) Using a scale of 1 : 100 000 plot the position of Willow Farm. (2)

Next the ranger goes to Sunnyside Campsite (C) which is 10.5 kilometres from the farm (F) and on a bearing of 300° from the ranger's home (H).

- (b) Plot the position of the campsite. (3)
- (c) What is the bearing of the campsite from the farm?

Answer: (2)