

NEW ZEALAND MATHEMATICS 7
CHAPTER 7, TEST A

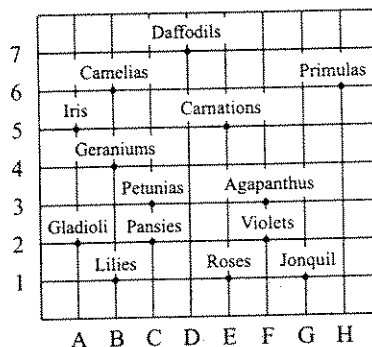
1 a What does the following scale mean?



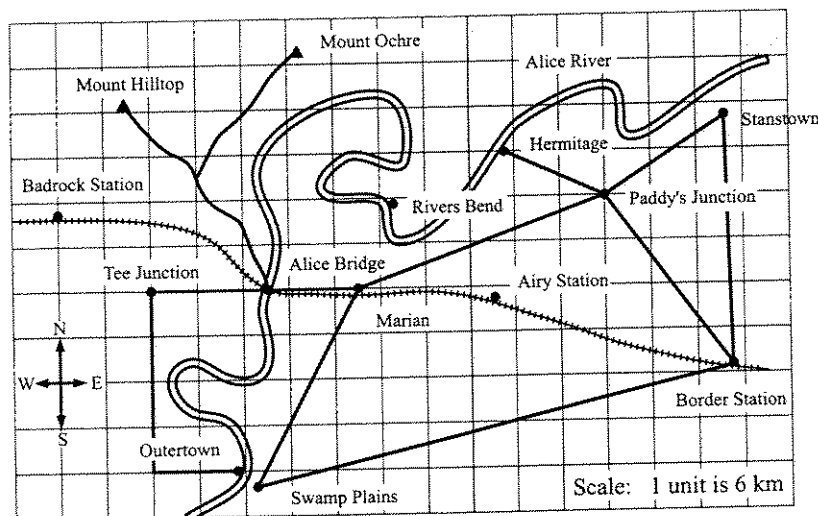
- b Using the scale above, what distance on a map would represent an actual distance of 1 kilometre?
- c Using the scale above, what actual distance would be represented by 9 cm? [3 marks]

2 The displays for a flower show have locations indicated on the grid alongside. Find

- a the location of the display of
 i camelias ii roses
 iii agapanthus iv geraniums
- b how to get from the
 i gladioli to the carnations
 ii daffodils to the lilies
- c Name and locate the flowers beginning with the letter 'D'. [7 marks]



3



Use the map above to answer the following questions:

- a How far by road is
 i Stanstown to Alice Bridge ii Hermitage to Tee Junction?
- b Use cotton to estimate how far by rail is
 i Badrock Station to Airy Station ii Border Station to Alice Bridge
- c What direction is Mount Hilltop from Alice Bridge? (Use the 8 main compass points.) [5 marks]

4 a Draw a set of axes on graph paper and plot the following points:
 M(2, 6), N(8, 6), O(2, 2) Join MO and MN.

b To complete the rectangle, where should P be located? [3 marks]

5 Draw the locus of a rugby ball that is kicked to touch. [2 marks]

Total: 20 marks