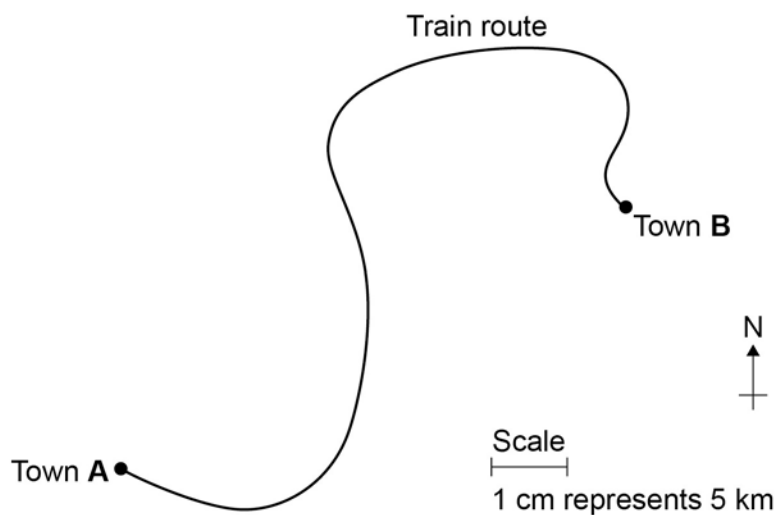


0 8

A train travels from town **A** to town **B**.

**Figure 14** shows the route taken by the train.  
**Figure 14** has been drawn to scale.

**Figure 14**



0 8

. 1

The distance the train travels between **A** and **B** is not the same as the displacement of the train.

What is the difference between distance and displacement?

[1 mark]

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0 8

. 2

Use **Figure 14** to determine the displacement of the train in travelling from **A** to **B**.

Show how you obtain your answer.

[2 marks]

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Displacement = \_\_\_\_\_ km

Direction = \_\_\_\_\_

Turn over ►