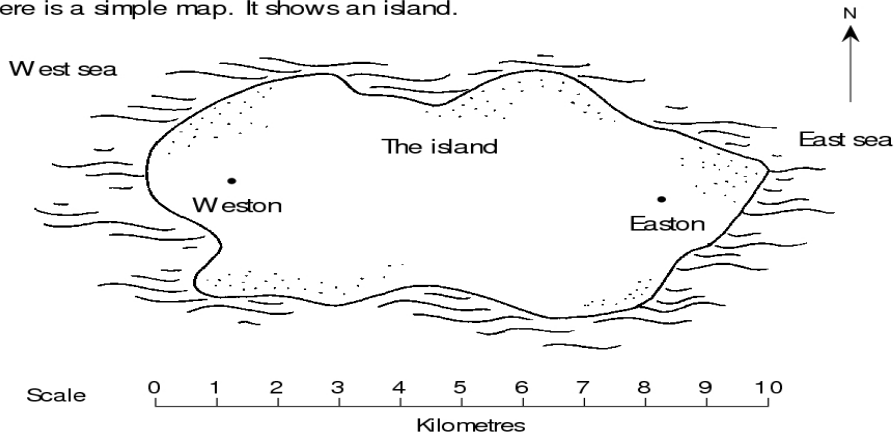


Using scale

Here is a simple map. It shows an island.



A simple scale has been printed underneath. This kind of scale is called a line scale. Sometimes it is called a linear scale.

The line is 10 cm long. Each centimetre represents 1 kilometre. The whole line represents 10 km.

See how the island is exactly the same width as the line scale. This shows us that the island is really 10 km across.

There are two dots on the map. These represent towns on the island. Measure between the two dots with a ruler. They are 7 cm apart.

Now use your ruler to measure 7 cm along the line scale. Start measuring at '0' on the scale. This will show you that the towns really are 7 km apart on the map.

Question

How far is it across the island at its narrowest point? Write your answer in km.
