

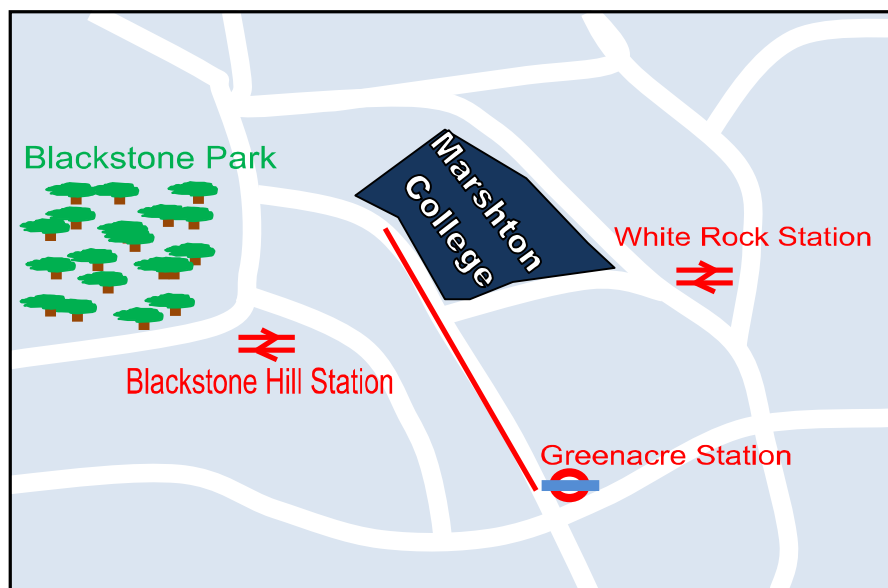


## Maps and scale

A map is a detailed drawing of an area of land. The scale of the map tells us how to relate to the land.

### Example 1

The scale of the map below is 1 cm to 1 km. If you measure the distance from Greenacre Station to Marshton College you should get 4 cm. That means the distance from the station to the college is 4 km.



### Example 2

A scale is given as 1 cm to 2 km. The distance between two towns measures 4.6 cm. What would be the actual distance?

1 cm represents 2 km

4.6 cm represents  $2 \times 4.6 \text{ km} = \mathbf{9.2 \text{ km}}$