

# Map Scale

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## Intext Questions

**Q. 1.** After studying the picture have a discussion in the class and answer the following questions.

- Why is the painter holding the pencil in his hand in a particular way?
- How can the scene of this large landscape be depicted on paper?
- How is it possible to view all the countries of the world on one map?
- What is common to both these pictures?

**Answer :** • The painter is holding the pencil in such a way so that he can take an appropriate measurement of the objects in the painting.

• This scene can be depicted on paper by reducing the proportions of the elements of the scene on a fixed scale.

**a.** In the preparation of maps, the picture is first surveyed.

**b.** At that time, after special observation, a scale is fixed.

**c.** Using this scale, an outline map of the earth is prepared.

Hence, we can view all the countries of the world on one map.

A fixed scale or measurement is common in both the pictures.

**Q. 2.** What is the need to use map scale? Think about it and write a paragraph.

**Answer :** Maps are used to show any part or the whole of earth or any other celestial body. Map scale helps to reduce the proportions of these regions in scale length, hence providing an accurate image.