

PLAIN SCALE PRACTICE QUESTIONS

1. On a survey map the distance between two places 1 km apart is 5 cm. Construct the scale to read 4.6 km.
2. Construct a scale of 1:50 to read meters and decimeters and long enough to measure 6 m. Mark on it a distance of 5.5 m.
3. The distance between two towns is 250 km and is represented by a line of length 50mm on a map. Construct a scale to read 600 km and indicate a distance of 530 km on it.
4. Construct a plain scale of 1:50 to measure a distance of 7 meters. Mark a distance of 3.6 meters on it.
5. The length of a scale with a RF of 2:3 is 20 cm. Construct this scale and mark a distance of 16.5 cm on it.
6. Construct a plain scale of $RF = 1 : 50,000$ to show kilometers and hectometers and long enough to measure up to 7 km. Mark a distance of 5.3 kilometers on the scale.
7. On a map, the distance between two places 5 km apart is 10 cm. Construct the scale to read 8 km. What is the RF of the scale?