Using Map Scales

On a map, the scale is 1 cm to 5 km. What do these lengths on the map represent in real-life?

(a) 2 cm (b) 7 cm

(c) 15 cm (d) 3.5 cm

On a map, the scale is 1 cm to 20 m. What do these lengths on the map represent in real-life?

(a) 3 cm (b) 5 cm

(c) 7.5 cm (d) 4.6 cm

On a drawing, the scale is 1 cm to 5 km. What would these real-life distances be on the drawing?

(a) 25 km (b) 45 km

(c) 150 km (d) 32.5 km

On a drawing, the scale is 1 cm : 200 m. What would these real-life distances be on the drawing?

(a) 400 m (b) 1600 m

(c) 1.8 km (d) 3 km

A botanist makes a scaled down drawing of a leaf. In his drawing the leaf is 5.5 cm in length. He uses a scale of 1 : 4. What is the actual length of the leaf?

On a map, the distance between two villages is 12 cm. In real-life it is 2.4 km. What is the scale? Give your answer in the form 1 cm : ? km

A map has a scale 1 : 5000. If two buildings are 4 cm apart on the map, how far apart are they in real-life? Give your answer in km.

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