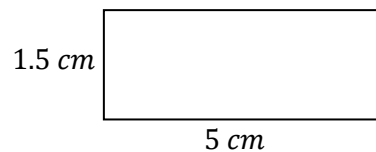


Unit 4: Scale Factors & Similarity**4.2B Scale Diagrams**

Scale Diagram:**Scale:**

Ex. The scale diagram below uses a scale of 1: 14. What is the actual length & width?

**Determining Scale Factor & Scale**

Ex. An actual Canadian quarter has a diameter of 23.88 mm. The scale drawing shown is a reduction with diameter 1.4 cm.



a) Determine the scale factor to the nearest hundredth.

b) Determine the scale (write as 1: ____).