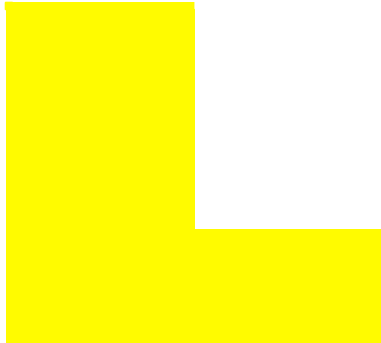


Mathematics 10
Unit 1 (Measurement)
Chapter 1 (Measurement Systems)
Section 1.1 (SI Measurement)
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Question 1

1. a) i) Using a 2 cm wide thumb as a referent, the width of the figure is approximately 5 cm and the height is approximately 4.5 cm. The portion that is cut away does not affect the perimeter. Therefore the perimeter of the figure is approximately $2 \times 5 + 2 \times 4.5 = 19$ cm.



- ii) Using a 2 cm wide thumb as a referent, the width of the figure is approximately 5 cm and the height is approximately 4 cm. The cut out portion of the figure is approximately 2.5 cm high and 2.5 cm wide, but the approximately 1 cm wide opening is not included in the calculation. Therefore the perimeter of the figure is approximately $2 \times 5 + 2 \times 4 + 2 \times 2.5 - 1 = 22$ cm.

