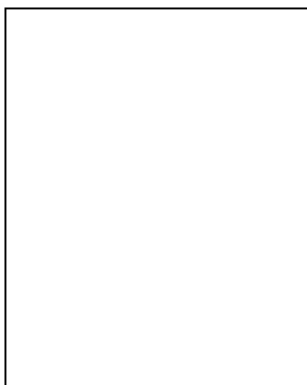


Section 3.2 Extra Practice

1. a) Estimate the length and width of the rectangle in centimetres. Then, estimate the area in square centimetres.



- b) Measure the actual length and width of the rectangle. Then, calculate its area.

2. Complete each conversion.

a) $3 \text{ m}^2 = \underline{\hspace{2cm}} \text{ cm}^2$

b) $0.3 \text{ m}^2 = \underline{\hspace{2cm}} \text{ cm}^2$

c) $0.03 \text{ m}^2 = \underline{\hspace{2cm}} \text{ cm}^2$

d) $30 \text{ cm} \times 40 \text{ cm} = \underline{\hspace{2cm}}$
 $= \underline{\hspace{2cm}} \text{ m}^2$

e) $40 \text{ cm} \times 80 \text{ cm} = \underline{\hspace{2cm}}$
 $= \underline{\hspace{2cm}} \text{ m}^2$

f) $20 \text{ cm} \times 80 \text{ cm} = \underline{\hspace{2cm}}$
 $= \underline{\hspace{2cm}} \text{ m}^2$

3. What SI unit would be best to express the area of each item? Prepare to explain your reasoning.

a) a cell phone screen _____

b) a hockey rink _____

c) a placemat _____

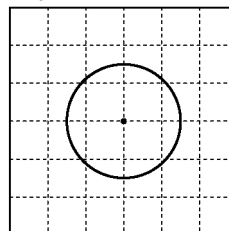
d) a shower curtain _____

e) a cutting board _____

f) a movie theatre screen _____

4. a) What is the area of the large square?

Scale: 1 square represents 1 cm^2



- b) Estimate the area of the circle.

- c) Calculate the area of the circle to the nearest square centimetre.

5. Calculate the area of a circular pizza pan with a diameter of 30 cm. Round your answer to the nearest square centimetre.

