AIM: Today you will learn how the area of a regular shaped object is measured in the Metric System.

VOCABULARY

▶ **Length**

▶ **Width**

▶ **Area**

▶ **Squared (^{2})**

OBJECTIVE

To successfully measure area using the metric system and to understand what area is a measure of.

What is the formula for the area of rectangle (which is a regular shaped object)?

AREA = length x width

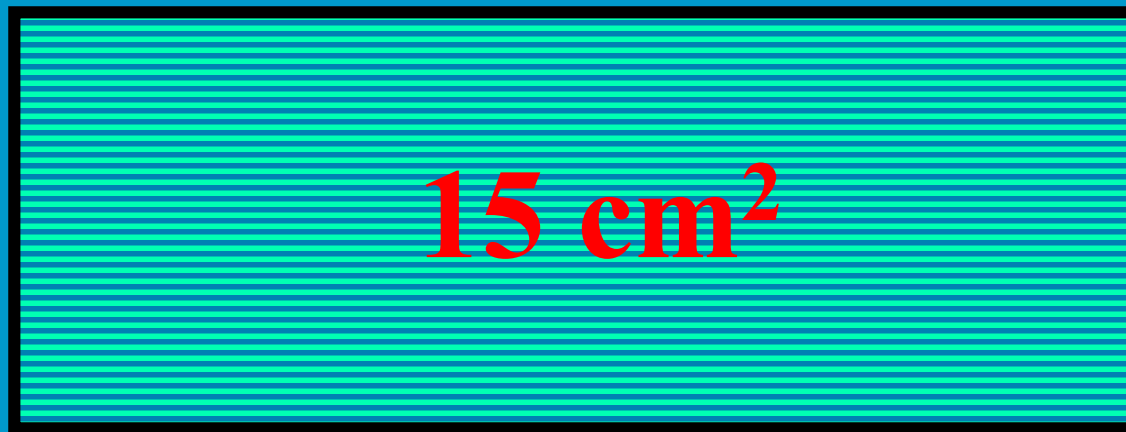AREA = L   x   W

Suppose we had a rectangle whose length was 5 cm and whose width was 3 cm. What would be its area?

3 cm

5 cm

Suppose we had a rectangle whose length was 5 cm and whose width was 3 cm. What would be its area?

3 cm

15 cm^2

5 cm

Suppose we had a rectangle whose length was 6 cm and whose width was 4 cm. What would be its area?

4 cm

6 cm

Suppose we had a rectangle whose length was 6 cm and whose width was 4 cm. What would be its area?

4 cm

24 cm^2

6 cm

Suppose we had a rectangle whose length was 7 cm and whose width was 3 cm. What would be its area?

3 cm

7 cm

Suppose we had a rectangle whose length was 7 cm and whose width was 3 cm. What would be its area?

3 cm

21 cm^2

7 cm

Suppose we had a rectangle whose length was 5 mm and whose width was 4 mm. What would be its area?

4 mm

5 mm

Suppose we had a rectangle whose length was 5 mm and whose width was 4 mm. What would be its area?
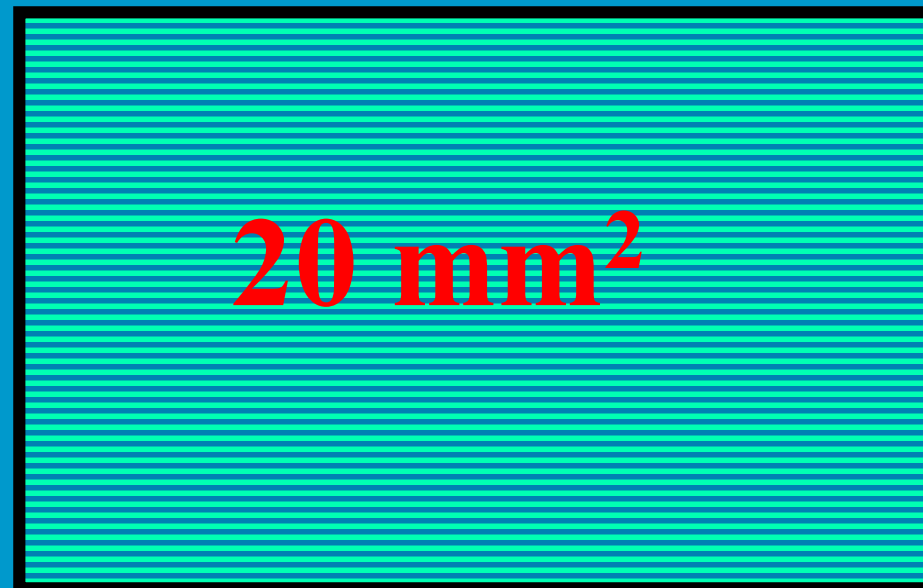
4 mm

20 mm^2

5 mm

Classwork

Calculate the length, width, and area of two different sized index cards