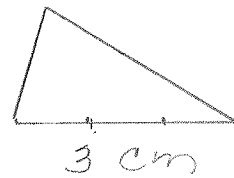


2.2.2 Square Units and Area of Rectangles  
Essential Question: How will I extend my understanding of area with the introduction of standard units of measure?

BIG IDEAS:  
length

linear measure; distance measured in linear units

EX.

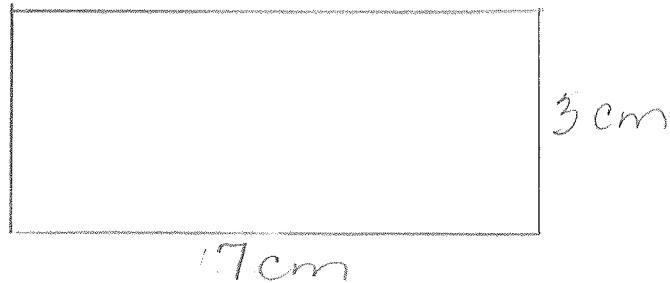


The length of the base of the triangle is measured in centimeters (cm)

dimensions

The dimensions of a figure that is a flat region or space tell how far that the figure extends in each direction.

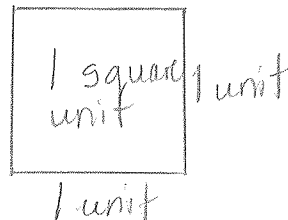
EX.



The dimensions of the rectangle are 7 cm long and 3 cm high.

square units

the units used to describe the measure of an area

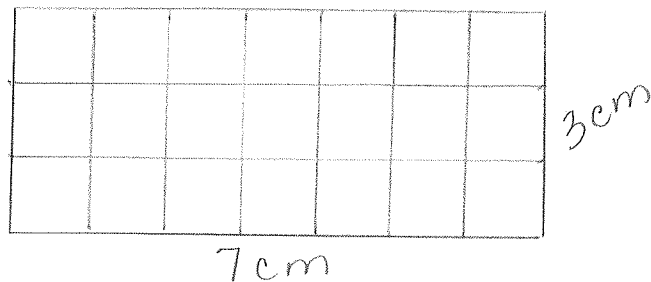


2.2.2 cont.

## BIG IDEAS

area

the number of square units (all the same size) it takes to fill the inside of a closed figure without any gaps or overlaps



rectangular area

Two ways to find rectangular area:

- 1) Count the squares
- 2) Multiply the two dimensions  
 $7 \times 3 = 21 \text{ cm}^2$