N- FOV and size

Below is a grid representing a graph paper slide under a microscope. The circle represents a field of view under magnification.

Determine the size of the field of view using the following procedure.

1. Count how many squares are across the widest part of the circle.
2. Multiple the width of one square by how many squares there are at the widest point. This will give you the width, or size, of the field of view.

The width of one square without magnification is = _1mm_

Number of squares at widest
point = _____
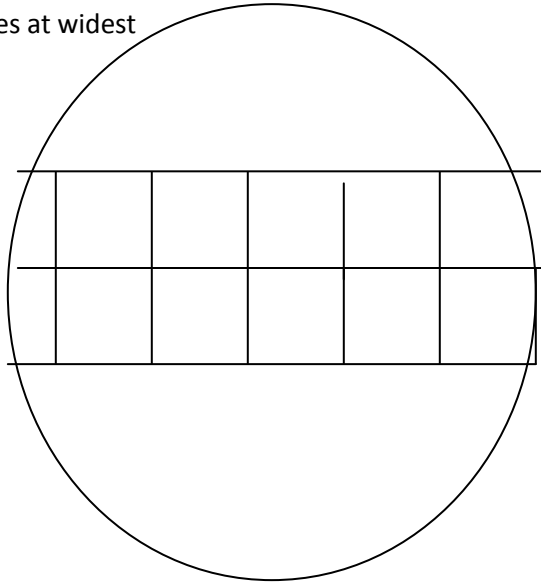
Size of field of view (show work) =

The organism below was viewed under low power, estimate how big it is:

1. How many times will it fit across the diameter of the circle?
2. How wide is the F.O.V. ? (look above)
3. Divide the width of the F.O.V. by how many times the organism fits. This is an estimated size for the organism.