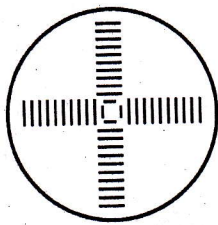
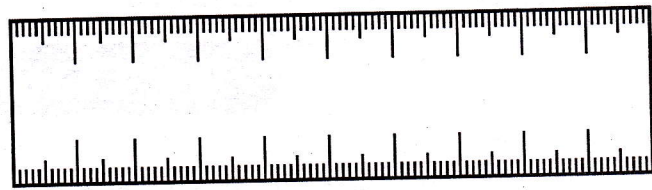
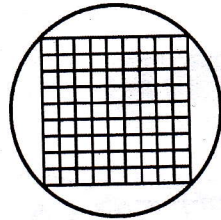


Units of Metric System:

- | | | |
|--|---|-------------------------------|
| 1. 0.1 ($1/10$) | = | 1 decimeter (dm) |
| 2. 0.01 ($1/100$) | = | 1 centimeter (cm) |
| 3. 0.000001 ($1/\text{million}$) | = | 1 micron (μ) |
| 4. 0.000000001 ($1/\text{billion}$) | = | 1 milli-micron ($m\mu$) |
| 5. 0.0000000001 ($1/10 \text{ billion}$) | = | 1 Angstrom unit (A°) |



Ocular Micrometer



Stage Micrometer

Fig. 2

Example

Measurement of Spirogyra cell by Pre-calibrated Microscope:

- | | | |
|---|---|-----------|
| 1. Value of standardization | = | Given (A) |
| 2. Number of ocular divisions covering length of cell | = | (B) |

Calculation:

Length of cell of Spirogyra = $A \times B = \dots\dots\dots$ microns