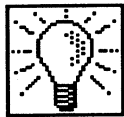
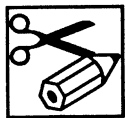


Comparing Measurements

Leader



Many everyday items are calibrated in metric units—bicycle parts, skis, camera film, automobile spark plug caps, etc.



You will need:

- Ruler calibrated in inches and centimeters
- Meter stick (or make a length of cardboard 1 meter long)



Do this:

- Allow time for student to relate metric units to common examples. Estimate lengths and distances of objects that are about one meter long.

Example:

The distance from the floor to a doorknob; the distance from the chest to the end of an outstretched arm. Compare these measurements on both the yardstick and the meter stick.

- Review:

1 meter is a little longer than 1 yard
1 meter is 100 centimeters



Comparing Measurements

Student _____



Do this:

- Estimate each of the following as larger or smaller than 1 meter.
- Record your estimate of each, then record the actual measurements.

	Estimate	Actual
1. Width of your desk or table	_____	_____
2. Height of your desk or table	_____	_____
3. Length of a broom handle	_____	_____
4. Width of window ledge	_____	_____
5. Height to a window sill	_____	_____

- Estimate and record length in centimeters, measure actual length, and record. Compare both measures.

	Estimate	Actual
1. Paper clip	_____	_____
2. Your index finger	_____	_____
3. Your pencil	_____	_____
4. Distance across a coin	_____	_____
5. Length of a dollar bill	_____	_____



WHAT I FOUND