

## Reading, Estimating and Converting Units of Measurement

1. Reading Measurement. Write the numbers in the spaces below.

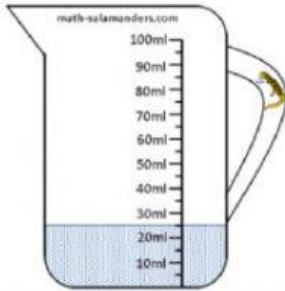
1) How long is the line? \_\_\_\_ mm



2) How long is the line? \_\_\_\_ mm



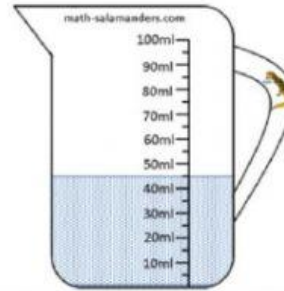
3) How many ml? \_\_\_\_



4) How many ml? \_\_\_\_



5) How many ml? \_\_\_\_



8) How many g? \_\_\_\_



9) How many g? \_\_\_\_



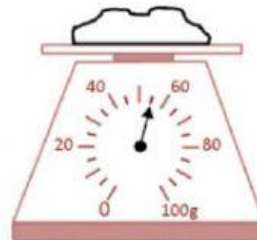
10) How many g? \_\_\_\_



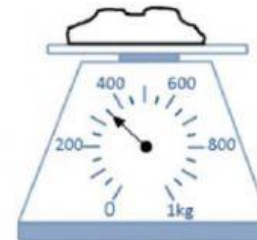
8) How heavy? \_\_\_\_



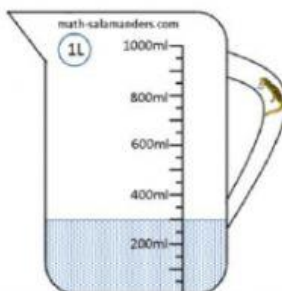
9) How heavy? \_\_\_\_



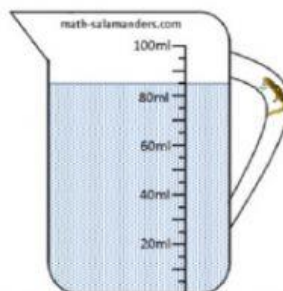
10) How heavy? \_\_\_\_



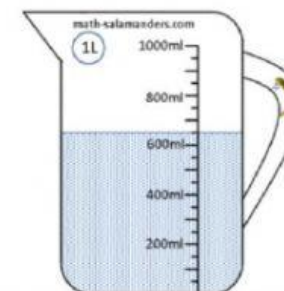
3) How much? \_\_\_\_



4) How much? \_\_\_\_

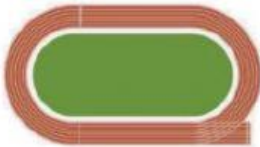


5) How much? \_\_\_\_



## Reading, Estimating and Converting Units of Measurement

2a. Estimating Measurement. Choose the correct unit of measurement for each object.

|                                                                                                                  |                                                                                                             |                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Length of a calendar</b><br> | <b>Length of track</b><br> | <b>Distance travelled by a plane</b><br> |
| cm / m / km                                                                                                      | cm / m / km                                                                                                 | cm / m / km                                                                                                                 |
| <b>Width of a shirt</b><br>     | <b>Height of a man</b><br> | <b>Length of a pair of scissors</b><br>  |
| cm / m / km                                                                                                      | cm / m / km                                                                                                 | cm / m / km                                                                                                                 |

2c. Choose the correct unit for measuring the volume of the containers below.

|                                                                                                             |                                                                                                      |                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>A milk carton</b><br> | <b>A mug</b><br>  | <b>A pitcher</b><br>             |
| Less than 1L / About 1L / More than 1L                                                                      | Less than 1L / About 1L / More than 1L                                                               | Less than 1L / About 1L / More than 1L                                                                                |
| <b>Juice box</b><br>     | <b>Fridge</b><br> | <b>Four glasses of juice</b><br> |
| Less than 1L / About 1L / More than 1L                                                                      | Less than 1L / About 1L / More than 1L                                                               | Less than 1L / About 1L / More than 1L                                                                                |

## Reading, Estimating and Converting Units of Measurement

3. Convert the measurement units below. Write the numbers only.

Note: 1 centimeter (cm) = 10 millimeters (mm)

Convert the given measures to new units.

1. 70 cm = \_\_\_\_\_ mm
2. 30 cm = \_\_\_\_\_ mm
3. 90 mm = \_\_\_\_\_ cm
4. 20 cm = \_\_\_\_\_ mm
5. 80 mm = \_\_\_\_\_ cm
6. 40 mm = \_\_\_\_\_ cm

Note: 1 kilogram (kg) = 1,000 grams (gm)

X 1,000

Convert kilograms to grams

1. 16 kg = \_\_\_\_\_ g
2. 6 kg = \_\_\_\_\_ g
3. 8 kg = \_\_\_\_\_ g
4. 2 kg = \_\_\_\_\_ g
5. 4 kg = \_\_\_\_\_ g
6. 50 kg = \_\_\_\_\_ g

Note: 1 liter (L) = 1,000 milliliter (mL)

X 1,000

Convert litres to milliliters

1. 5 L = \_\_\_\_\_ mL
2. 22 L = \_\_\_\_\_ mL
3. 28 L = \_\_\_\_\_ mL
4. 27 L = \_\_\_\_\_ mL
5. 9 L = \_\_\_\_\_ mL
6. 78 L = \_\_\_\_\_ mL