

Metric Worksheet

1. How many of each smaller unit does each larger one equal?

- a) 1 kg = _____ g c) 1 g = _____ mg
 b) 1 L = _____ mL d) 1 m = _____ cm

2. Circle the largest measurement in each pair.

- a) 15 mg or 1 g d) 145 g or 145 kg
 b) 334 mL or 1 L e) 3.4 mg or 30 kg
 c) 1 m or 990 cm f) 10 L or 1000 mL

3. Circle the best metric unit for each measurement.

- | | | | |
|--|----|---|----|
| a) your mass | mg | g | kg |
| b) amount of medicine in a bottle | mg | g | kg |
| c) mass of a paper clip | mg | g | kg |
| d) the mass of an eyelash | mg | g | kg |
| e) amount of water in a swimming pool | mL | L | kL |
| f) amount of cola in 1 can | mL | L | kL |
| g) the distance from Toronto to Ottawa | mm | m | km |

4. Measure each side of the box with your ruler to the nearest cm. Then multiply the length \times width \times height to calculate the volume.



Volume of the box in cm^3

_____ \times _____ \times _____ = _____

5. Name the equipment and units used to measure each item.

- a) mass of a chocolate bar

Equipment: _____ Units: _____

- b) volume of a lump of gold

Equipment: _____ Units: _____