




Name: _____

Class: _____

Date: ____/____/2020

Worksheet 1

REVISION: MASS, CAPACITY AND LENGTH**A. Review.****1/ Changing unit of measurement.**

	Example								
<p>Units of mass</p> <p>1 kilogram = 1000 grams (or 1 kg = 1000 g)</p> <p>We can convert kilogram to gram using multiplication.</p>	<p>1 kg = 1000 g</p> <p>So, 3 kg = $3 \times 1000 = 3000$ g</p>								
<p>Units of capacity</p> <p>1 liter = 1000 milliliters (or 1 L = 1000 mL)</p> <p>We can convert liter to milliliter using multiplication.</p>	<p>1 L = 1000 mL</p> <p>So, 7 L = $7 \times 1000 = 7000$ mL</p>								
<p>Units of length</p> <p>We can convert from larger unit to smaller unit using multiplication.</p> <table border="1"><tr><td>meter</td><td>decimeter</td><td>centimeter</td><td>millimeter</td></tr><tr><td>m</td><td>dm</td><td>cm</td><td>mm</td></tr></table> 	meter	decimeter	centimeter	millimeter	m	dm	cm	mm	<p>1dm = 10 cm</p> <p>So, 6 dm = $6 \times 10 = 60$ cm</p> <p>1 m = 1000 mm</p> <p>So, 9 m = $9 \times 1000 = 9000$ mm</p>
meter	decimeter	centimeter	millimeter						
m	dm	cm	mm						




2/ Structures.

The mass of _____ is _____	The mass of _____ is about _____
The mass of a paper clip is 1 gram.	The mass of a candy is about 5 grams.

The capacity of _____ is _____	The capacity of _____ is about _____
The capacity of a bowl is 3 liters.	The capacity of a pitcher is about 1000 milliliters.

The length of _____ is _____	The height of _____ is _____
 The length of pencil is 13 centimeters.	 The height of a building is 50 meters.

**B. Practice.****Task 1:** Choose the best unit for each below item.

Items	Units
a. The length of a bug 	mm cm dm m
b. The mass of a leaf 	g kg
c. The capacity of a bathtub 	mL L

Task 2: Tick at the best estimation.

a.



7 dm

7 cm

b.



1 cm

1 m

c.



3 g

3 kg

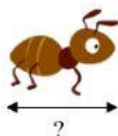
d.



300 mL

300 L

e.



1 mm

1 dm

f.



4 kg

4 g

Task 3: Find missing numbers.

a. $17 \text{ dm} = \underline{170} \text{ cm}$

b. $2 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

c. $6 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

d. $19 \text{ dm} = \underline{\hspace{2cm}} \text{ mm}$

e. $94 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

f. $37 \text{ m} = \underline{\hspace{2cm}} \text{ mm}$



Task 4: Solve the following problems.

- a) The mass of a tiger is about 270 kilograms. An elephant is 9 times as heavy as a tiger.
How many kilograms does an elephant weigh about?



Equation: _____ = _____

Word answer: The mass of an elephant is about _____ kilograms.

- b) The capacity of a milk carton is 1 liter and the capacity of a milk bottle is 160 milliliters.
How many milliliters can the milk carton hold more than the milk bottle?

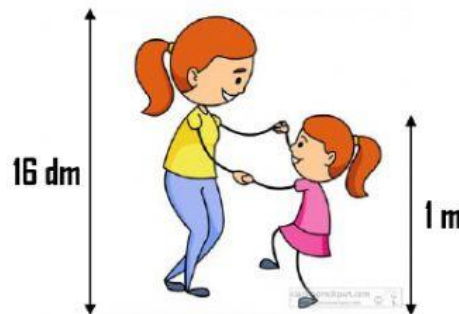


Converting: 1 L = _____ mL.

Equation: _____ = _____

Word answer: The milk carton can hold more than the milk bottle _____ milliliters.

- c) What is the total height of mom and girl in centimeter?



Converting: 16 dm = _____ cm

1 m = _____ cm

Equation: _____ = _____

Word answer: The total height of mom and girl is _____ centimeters.