Name: _____   Class: _____   Date: ___/ ___/2020 | **Worksheet 1** |

REVISION: MASS, CAPACITY AND LENGTH

A. Review.

1/ Changing unit of measurement.

	Example
Units of mass **1 kilogram = 1000 grams (or 1 kg = 1000 g)** We can convert **kilogram to gram** using **multiplication**.	**1 kg = 1000 g** So, 3 kg = 3 × 1000 = 3000 g
Units of capacity **1 liter = 1000 milliliters (or 1 L = 1000 mL)** We can convert **liter to milliliter** using **multiplication**.	**1 L = 1000 mL** So, 7 L = 7 × 1000 = 7000 mL
Units of length We can convert **from larger unit to smaller unit** using **multiplication**. meter / decimeter / centimeter / millimeter m / dm / cm / mm × 10 × 10 × 10	**1dm = 10 cm** So, 6 dm = 6 × 10 = 60 cm **1 m = 1000 mm** So, 9 m = 9 × 1000 = 9000 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 bow **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.
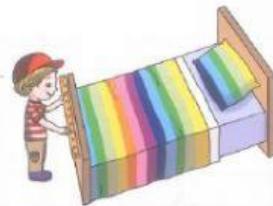
1 cm   1 m

c.

3 g   3 kg

d.

300 mL   300 L

e.
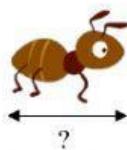
1 mm   1 dm

f.

4 kg   4 g

Task 3: Find missing numbers.

a. 17 dm = __170__ cm (× 10)

b. 2 kg = _____ g (× __)

c. 6 L = _____ mL (× __)

d. 19 dm = _____ mm

e. 94 cm = _____ mm

f. 37 m = _____ 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?
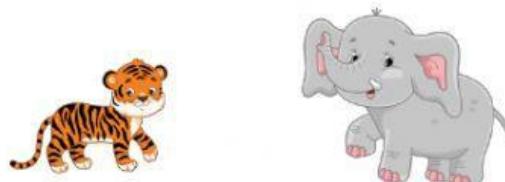
Equation: _____ = _____

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**?

16 dm

1 m
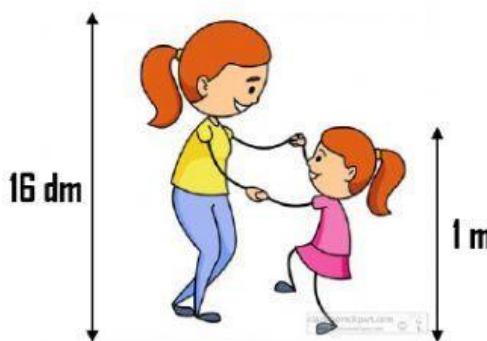
Converting: 16 dm = _____ cm

1 m = _____ cm

Equation: _____ = _____

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