HTWW- Week 4- Math Assessment

Read the word problems carefully and write the answers.

1. A string is cut into 7 equal pieces. Each piece is
   90 centimeters long. How long was the string at first?
   Give your answer in meters and centimeters.

   _____ m _____ cm

2. A fish tank contains 4,130 milliliters of water.
   The tank's capacity is 9 liters 550 milliliters.
   How much water is needed to fill the tank completely?
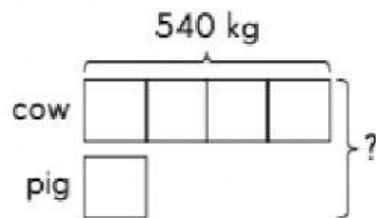   Give your answer in liters and milliliters.

   _____ l _____ ml

3. At a charity walk, Bryan walks 3 kilometers 320 meters more than Luis.
Kerry walks 850 meters less than Bryan.
Luis walks 6 kilometers. Find the total distance walked by Kerry and Bryan.

_____ km _____ m

4. Lucas is 136 centimeters tall.
Aiden is 25 centimeters shorter than Lucas.
Eric is 14 centimeters taller than Aiden.
How tall is Eric?
Give your answer in meters and centimeters.

_____ m _____ cm

5. The mass of a cow is 540 kilograms.
The cow is 4 times as heavy as a pig.
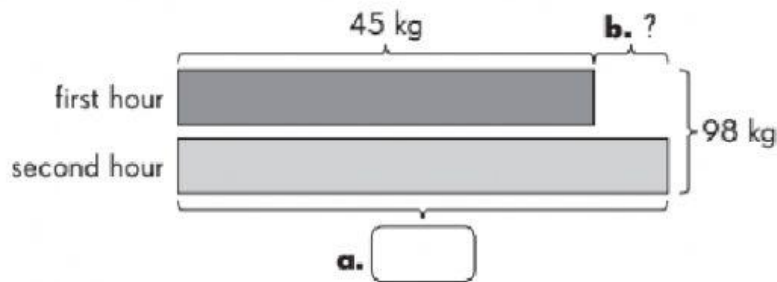What is their total mass?

540 kg

cow

pig

?

_____ kg

6. There are 8 bottles. A nurse pours 100 milliliters of medicine into each bottle. There are still 2,880 milliliters of medicine left.

a. How much medicine is there in the 8 bottles?
b. How much medicine is there in all?
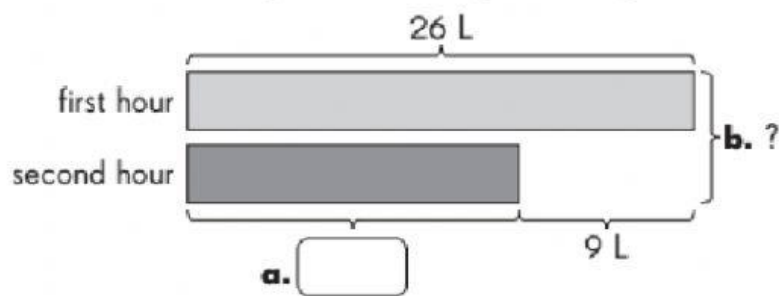Give your answers in liters and milliliters.

a. _____ l _____ ml
b. _____ l _____ ml

7. Boris loads 45 kilograms of meat into his van in the first hour.
In the second hour, he loads some more meat into the van.
The total mass of the meat is 98 kilograms.
   a. What is the mass of meat Boris loads in the second hour?
   b. How much more meat does Boris load in the second hour than in the first hour?

45 kg   b. ?

first hour

second hour   98 kg

a. [ ]

_____ kg

8. Jacky sells 26 liters of gas in the first hour.
He sells 9 liters less gas in the second hour than in the first hour.
   a. How much gas does Jacky sell in the second hour?
   b. How much gas does Jacky sell altogether?

26 L

first hour

second hour   b. ?

a. [ ]   9 L

9. Rachel bought 8 kg 400 g tomatoes, 2 kg 130 g brinjal and 7 kg 300 g watermelon from the green grocer. How many kilograms of fruits and vegetables did she buy?

_____ kg _____ g

10. Ron takes care of deer and wild bulls in the zoo. The deer weighs 182 kg 290 g and a wild bull weighs 753 kg 380 g. Answer the given questions.
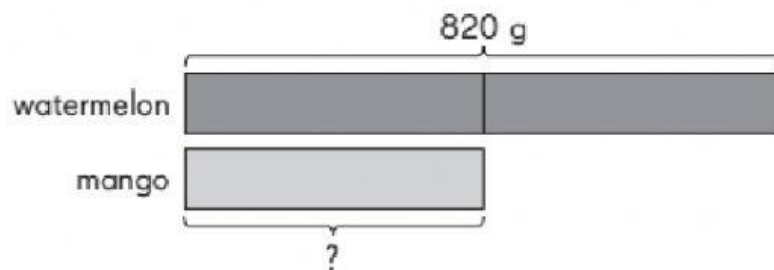
(i) If the both the animals stand on a weighing machine together what will be the total weight shown on the machine?
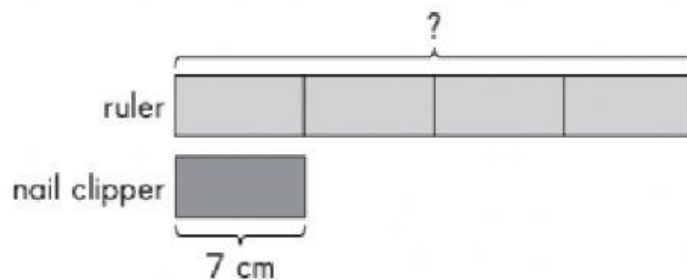
(ii) By how much is a bull heavier than deer?

a. _____ kg _____ g
b. _____ kg _____ g

11. A watermelon has a mass of 820 grams.
The mass of the watermelon is twice the mass of the mango.
What is the mass of the mango?

820 g
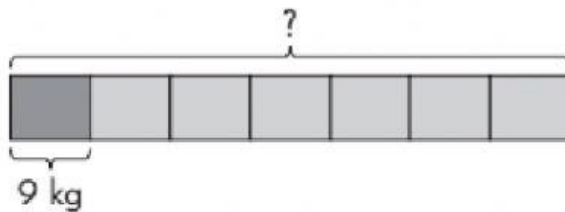
watermelon

mango

?

_____ g

12. A ruler is 4 times as long as a nail clipper.
The nail clipper is 7 centimeters long.
How long is the ruler?

?

ruler

nail clipper

7 cm

_____ cm

13. Each bag of rice has a mass of 9 kilograms.
Sara buys 7 bags of rice altogether.
Find the total mass of rice she buys.

?

9 kg

_____ kg

14. The gas tank on Bob's car holds 45 liters. He used 6 liters of
gasoline on Saturday and another 8 liters of gasoline on
Sunday. How much gasoline was left in the car?

_____ l

15. 40 ml of milk was added to the dough for a loaf of bread. If the loaf was then sliced into 8 slices, how much milk was in each slice?

_____ ml