How Can You Find a Double-Decker Bus?

For each exercise, circle the letter of the more reasonable measure. Write this letter in the box containing the number of the exercise.

The chart gives an approximate size for each of the most commonly used metric units of length.

Unit	Approximate Size
1 millimeter (mm)	thickness of a dime
1 centimeter (cm)	width of your smallest finger
1 meter (m)	length of a baseball bat
1 kilometer (km)	length of 10 football fields

1. length of an ant

   R 5 mm   **M** 5 cm

2. length of a new pencil

   A 19 mm   **O** 19 cm

3. height of a basketball hoop

   U 30 m   **H** 3 m

4. distance walked in 1 hour

   K 5 km   **B** 50 m

5. diameter of a quarter

   G 24 cm   **O** 24 mm

6. length of a paper clip

   E 3 cm   **S** 30 cm

7. length of a tennis court

   L 24 m   **D** 24 km

8. distance driven on a freeway in 1 hour

   U 85 km   **A** 850 m

9. thickness of a nickel

   E 20 mm   **O** 2 mm

10. height of a dining table

    K 75 mm   **S** 75 cm

11. length of an automobile

    T 5 m   **S** 50 m

12. length of a marathon race

    T 400 m   **F** 40 km

13. width of a dollar bill

    N 66 cm   **P** 66 mm

14. length of a sheet of typing paper

    O 28 cm   **R** 28 mm

15. height of a door

    M 20 cm   **B** 2 m

16. distance from New York to Los Angeles

    D 450 km   **T** 4,500 km

7	2	14	4		12	9	1		11	3	6		15	8	10		16	5	13

What Did the Finger Say to the Thumb?

Choose the correct answer for each exercise. Write the letter of the answer in the box containing the number of the exercise. The table below may help you.

Unit	Approximate Size
1 milliliter (mL)	capacity of an eyedropper
1 liter (L)	capacity of a juice carton
1 kiloliter (kL)	capacity of 4 bathtubs

I. Choose the more reasonable estimate of capacity.

(1) a pot for cooking
   K 2 kL   **E** 2 L

(2) a tablespoon
   C 15 L   **I** 15 mL

(3) an automobile gas tank
   N 50 L   **P** 5 kL

(4) a swimming pool
   A 80 L   **O** 80 kL

(5) a drinking glass
   O 25 mL   **M** 250 mL

(6) a water cooler jug
   H 20 L   **R** 2 L

II. Complete each statement.

(7) 8.5 L = _____ mL

(8) 0.4 L = _____ mL

(9) 90,000 mL = _____ L

(10) 250 mL = _____ L

(11) 1.75 kL = _____ L

(12) 40 kL = _____ L

(13) 750 L = _____ kL

(14) 3,200 L = _____ kL

Answers 7 – 14:

B 25   **Y** 90
U 1,750   **W** 40,000
O 8,500   **F** 32
D 4,000   **I** 0.75
S 900   **R** 175
G 0.25   **I** 400
T 3.2   **U** 7.5

III. Solve.

(15) Ms. Sparkle bought 12 cans of diet soda. Each can contained 350 mL. How many liters of soda did she buy?

(16) Chef Pierre made 6.4 L of creamed carrot soup. If it is served in 200-mL cups, how many cups can be filled?

Answers 15 – 16:

R 48   **V** 4.2
L 32   **N** 5.4

8	5		13	3		10	16	7	15	1		12	2	14	6		9	4	11