

Name: _____

Period: _____ Subject: _____

Date: _____

Using Metric Units

In each case, circle the letter for the sentence that shows correct metric usage. If none is correct, then circle “E” and write the correct sentence in the space provided.

1. A. This 50 cm stick is .5 m long.
B. This 50cm stick is 0.5 m long.
C. This 50cm stick is 0.5m. long.
D. This 50 cm stick is 0.5 m long.
E. None of these are correct. The correct version is: _____
2. A. The mass of this stone is 1 Kg.
B. The mass of this stone is 1 kg.
C. The mass of this stone is 1 KG.
D. The mass of this stone is 1kg.
E. None of these are correct. The correct version is: _____
3. A. The recipe calls for 5 cc’s of vanilla.
B. The recipe calls for 5 ML of vanilla.
C. The recipe calls for 5 cu. cm. of vanilla.
D. The recipe calls for 5mℓ’s of vanilla.
E. None of these are correct. The correct version is: _____
4. A. I bought $4\frac{1}{2}$ m of material for this dress.
B. I bought $4\frac{1}{2}$ M of material for this dress.
C. I bought 4.5 m. of material for this dress.
D. I bought 4.5 m of material for this dress.
E. None of these are correct. The correct version is: _____
5. A. Today’s temperature of 35 EC was very uncomfortable.
B. Today’s temperature of 35 degrees celsius was very uncomfortable.
C. Today’s temperature of 35EC was very uncomfortable.
D. Today’s temperature of 35E C was very uncomfortable.
E. None of these are correct. The correct version is: _____

(Continued on back...)

For each of the following statements fill in the blank with “S”, “R”, or “L” according to this key:

S – if the statement is unreasonable because the number is too small.

R – if the statement is reasonable.

L – if the statement is unreasonable because the number is too large.

6. _____ The cat’s tail is 30 centimeters long.
7. _____ The husband is 20 centimeters taller than his wife.
8. _____ The beauty contestant’s measurements were 91! 62! 89 centimeters.
9. _____ The kitchen ceiling is 150 centimeters from the floor.
10. _____ Each member of the winning basketball team is over 3 meters tall.
11. _____ The car’s gasoline tank holds 10 liters.
12. _____ She drank 1 liter of soda in a single swallow.
13. _____ The 10-year-old boy has a mass of 30 kilograms.
14. _____ He bought 100 grams of bologna to make two sandwiches.
15. _____ The mass of the cat is 5 kilograms.
16. _____ The water coming out of the cold spigot has a temperature of 15 EC.
17. _____ He found 24 EC too warm and lowered the thermostat in his living room to 20 EC.
18. _____ She was drinking water whose temperature was ! 5 EC.
19. _____ The water in the tea kettle has a temperature of 120 EC.
20. _____ A prolonged snow storm was accompanied by a temperature of 12 EC.
21. _____ For a blood test, the doctor took 10 milliliters of blood from a patient.
22. _____ Jo’s refrigerator has a capacity of 10 liters.
23. _____ In two hours he walked a distance of 10 kilometers.
24. _____ The family room is 30 meters long.
25. _____ Her waist size is 60 millimeters.