

How big or small is it?

Name _____

Date _____

Block _____

For each of the following questions, choose the answer you think is correct and circle the appropriate answer...

1. A gram is about the mass of:
 - a. An apple
 - b. A 10 – cent piece
 - c. A pineapple
2. A metre is about the height of:
 - a. A door
 - b. A kitchen counter
 - c. The seat of a chair
3. Water freezes and boils at:
 - a. 32° Celsius and 212° Celsius
 - b. 100° Celsius and 200° Celsius
 - c. 0° Celsius and 100° Celsius
4. An average measuring cup holds:
 - a. 2 mL
 - b. 20 mL
 - c. 250 mL
5. A new-born baby weighs about:
 - a. 3 kg
 - b. 39 kg
 - c. 300 kg
6. The height of a tall man is about:
 - a. 20 cm
 - b. 200 cm
 - c. 2000 cm
7. Normal body temperature is about:
 - a. 25° C
 - b. 37° C
 - c. 48° C
8. A regular size soft drink tin holds about:
 - a. 1.5 L
 - b. 1 L
 - c. 0.3 L
9. A litre of water weighs about:
 - a. 100 g
 - b. 10 g
 - c. 1000 g
10. A five dollar bill measures about:
 - a. 15 cm by 7 cm
 - b. 20 cm by 10 cm
 - c. 100 cm by 70 cm
11. The thickness of a 10 – cent piece is about:
 - a. 0.1 mm
 - b. 1 mm
 - c. 5 mm
12. The standard length in the metric system is:
 - a. The millimetre
 - b. The centimetre
 - c. The decimetre
 - d. The kilometre
 - e. The metre
13. The basic temperature scale used in the metric system (SI) from which the derived units originate is:
 - a. The Celsius scale
 - b. The Kelvin scale
 - c. The Fahrenheit scale
14. A *new* pencil measures about:
 - a. 50 mm
 - b. 100 mm
 - c. 200 mm
15. A teaspoonful of maple syrup would be about:
 - a. 0.5 mL
 - b. 1 mL
 - c. 5 mL
16. A professional football player weighs about:
 - a. 45 kg
 - b. 90 kg
 - c. 180 kg

For the following questions, calculate/estimate the answers and place your answer in the space provided.

17. What speed limit, in kilometres per hour would you suggest for:
 - a. A residential road? _____ km/hr
 - b. A paved 2 – lane highway? _____ km/hr
 - c. An elementary school zone? _____ km/hr

18. Which is the best buy?
150 cm of material at \$6.00 or 1 m of the same material at \$4.50?
19. Which is the better buy?
3 L of milk for 90¢ or 500 mL for milk at 20¢?
20. Which is the best buy?
a. 300 g of jam at 60¢, or 1 kg of ham at \$1.50?

b. 1 kg of sugar at 40¢, or 2.5 kg at \$1.10?
21. Estimate the thickness of a 25¢ piece. _____ mm
22. Estimate the height of your desk.
_____ cm
_____ m
23. Estimate the length of your shoe.
_____ cm
_____ mm
24. A five dollar bill is approximately:
_____ mm long
_____ mm wide
25. Estimate the height of a normal door.
_____ m
_____ cm
26. Estimate the temperature which corresponds to each of the following situations – use the Celsius scale...
- A beautifully warm summer day _____ °C
 - A beautiful spring day _____ °C
 - A bitterly cold, rainy day _____ °C
 - Normal room temperature _____ °C
 - Normal body temperature _____ °C
 - Boiling point of water _____ °C
 - Freezing point of water _____ °C