

Measurement Review

1. What unit of measure would you use to measure the following? (e.g. mm, km etc)

- a. a can of soft drink _____
- b. the length of a skilling rope _____
- c. the length of a fingernail _____
- d. the length of a bus _____
- e. the length of the oval _____
- f. the weight of a bus _____
- g. the weight of a soft drink can _____
- h. the amount of water in a bucket _____

2. What would be a good estimate of.....

- a. the mass of a tin of spaghetti

500g 1.2kg 50g

- b. the weight of a small dog

750g 7.5kg 75g

- c. the distance from school to MacDonalds

15m 2500cm 5.2km

- d. the height of an average Year 6 Student

1.6m 300mm 110cm

3. What unit of measure would be best to measure..... mm^2 , cm^2 , m^2 or km^2

- a. the amount of carpet needed for a house
 mm^2 , cm^2 , m^2 or km^2

- b. the cover of a dictionary
 mm^2 , cm^2 , m^2 or km^2

- c. the surface of a 5-cent coin
 mm^2 , cm^2 , m^2 or km^2

- d. the land area of an outback farm
 mm^2 , cm^2 , m^2 or km^2

4. Convert the following measurements

- a. $3.7\text{m} =$ _____ cm

- b. $450\text{mL} =$ _____ L

c. $4.98\text{kg} =$ _____ g

d. $6745\text{m} =$ _____ km

e. $630\text{mm} =$ _____ cm

f. $630\text{cm} =$ _____ m

5. I found 3 pieces of wool in the art cupboard. The lengths were 62mm, 62cm and 6.2m.

- a. estimate the length
- b. calculate the exact length

6. The capacity of my milk shake container is 450mL. What would the volume be? _____

Explain your reasoning

7. The volume of a rubics cube is 216cm^3 .

What would it's capacity be? _____

Explain your reasoning

8. A soft drink can holds 375mL of liquid

- a. what is the can's capacity? _____
- b. What is the can's volume? _____
- c. Explain the difference

9. Calculate the exact amount of....

$452\text{mm} + 82\text{cm} + 1.21\text{m} =$ _____ m