Year 4 · Measurement: Measuring All Around Us

Name: _____ Date: _____

Hi there! This sheet gives you practice measuring length, area, angles, temperature and time. Remember to always write the unit (like cm or °C) next to your number!

Warm-up

1. How many minutes are there in 1 hour?

2. A square has sides of 5 cm. What is the area? (area = side × side)

3. A quarter turn is how many degrees?

4. Write this length using both units: 1 metre and 40 centimetres. How many centimetres is that altogether?

Practice

5. A rectangle garden bed is 6 m long and 3 m wide. What is its area?

6. Find the perimeter of a triangle with sides 8 cm, 5 cm and 7 cm.

7. The thermometer outside the classroom in Avondale reads 14°C in the morning and 21°C at lunchtime. How much warmer is it at lunchtime?

8. Word problem: Mere walks to school. She leaves home at 8:15 and arrives at 8:47. How long did her walk take?

9. Word problem: Tama fills a rectangular box with identical cubes. The bottom layer holds 4 rows of 3 cubes, and he stacks 2 layers. How many cubes fit in the box (this is the volume in cubes)?

10. An angle opens a little less than a straight line. Is it closest to 90°, 180° or 360°? Explain.

Challenge

11. An irregular shape drawn on a grid covers 7 full squares and 4 half squares. What is its total area in squares?

12. A netball game is played in 4 quarters. Each quarter lasts 15 minutes. What is the total playing time in minutes, and how many hours and minutes is that?