WONDERLEARNERZ PRIMARY ACADEMY â€¢ PRACTICE & ASSESSMENT WORKSHEET

# Perimeter and Measuring Boundaries - Worksheet 4

Grade 4 | Mathematics | Ch 8: Perimeter and Measuring Boundaries | Total Marks: 19 | Time: 30 Minutes

**Student Name:** _____ **Roll / ID No:** _____

**Grade / Section:** _____ **Date:** _____ **Score:** _____ / 19

*Instructions: Section A (Q1-Q4): Choose the correct option (A, B, C, or D). Section B (Q5-Q9): Write your exact one-word or numerical answer. Section C & D (Q10-Q15): Write your detailed answers, corrections, and show all working steps neatly in the space provided.*

**Q1. Calculate the perimeter of a rectangle with length 18 cm and width 9 cm:** **[1 Mark]**

( ) A. 54 cm
( ) B. 50 cm
( ) C. 60 cm
( ) D. 162 cm

**Q2. What is the perimeter of a square with sides of length 18 cm?** **[1 Mark]**

( ) A. 72 cm
( ) B. 67 cm
( ) C. 80 cm
( ) D. 324 cm

**Q3. A triangle has sides of 8 cm, 11 cm, and 14 cm. What is its perimeter?** **[1 Mark]**

( ) A. 33 cm
( ) B. 30 cm
( ) C. 35 cm
( ) D. 32 cm

**Q4. Which unit is appropriate for measuring perimeter?** **[1 Mark]**

( ) A. Centimetres (cm) or metres (m)
( ) B. Square centimetres (cmÂ²)
( ) C. Litres (L)
( ) D. Grams (g)

**Q5. At the Suburban Backyard Lawn, an organizer installs a wooden border around the** Play Area (18 m long and 9 m wide). What is the total length of border required? **[1 Mark]**

**Q6. A gardener wants to put wire fencing around a square vegetable patch with side 9** metres. Fencing costs $5 per metre. What will the fencing cost in total? **[1 Mark]**

**Q7. A photograph measuring 15 cm by 10 cm is framed with lace ribbon. If lace costs $2** per 10 cm, how much does the lace border cost? **[1 Mark]**

**Q8. A rectangle has a perimeter of 54 cm. If its length is 18 cm, what is its width?** **[1 Mark]**

**Q9. A square has a perimeter of 72 cm. What is the length of ONE side?** **[1 Mark]**

**Q10. A student calculates the perimeter of a 6 cm by 4 cm rectangle as 24 cm. What did the student do wrong?** **[1 Mark]**

**Q11. Tariq measures an L-shaped room and calculates perimeter by only adding the 4 longest outer walls, omitting 2 inner corners. Why is this incorrect?** **[1 Mark]**

**Q12. Can two completely different rectangles have the exact same perimeter? Explain.** **[2 Marks]**

**Q13. If you double the side length of a square from 5 cm to 10 cm, what happens to its perimeter?** **[2 Marks]**

**Q14. An equilateral triangle and a square have the exact same perimeter of 36 cm. How much longer is a side of the triangle than a side of the square?** **[2 Marks]**

**Q15. A rectangular swimming pool is 12 m long and 6 m wide. A 1-metre wide paved walking path surrounds the pool completely on all sides. What is the outer perimeter of the paved path?** **[2 Marks]**