

Max's Measurement Marathon

Learning objective: To solve problems involving the conversion of metric units, calculating perimeter and area, and understanding scale.

Help Max the monkey solve his measurement puzzles! Read each question carefully, choose the correct answer or write your answer clearly in the space provided.

Answer Key: 1. B (1,500g); 2. True; 3. 24cm; 4. C (5,000m); 5. False; 6. 300cm; 7. A (25m²); 8. 400m; 9. 1,000ml; 10. True.

Word bank: millimetres · centimetres · metres · kilometres · perimeter · area · conversion · scale

1. Max has 1.5kg of bananas. How many grams is this? A) 15g B) 1,500g* C) 150g D) 15,000g (1 mark)

2. True or False: To convert kilometres to metres, you multiply by 1,000. (1 mark)

3. What is the perimeter of a rectangle with a length of 8cm and a width of 4cm? (1 mark)

4. A race track is 5km long. How many metres is this? A) 50m B) 500m C) 5,000m* D) 50,000m (1 mark)

5. True or False: The area of a shape is measured in centimetres. (1 mark)

6. Max measures a branch that is 3 metres long. How many centimetres is the branch? (1 mark)

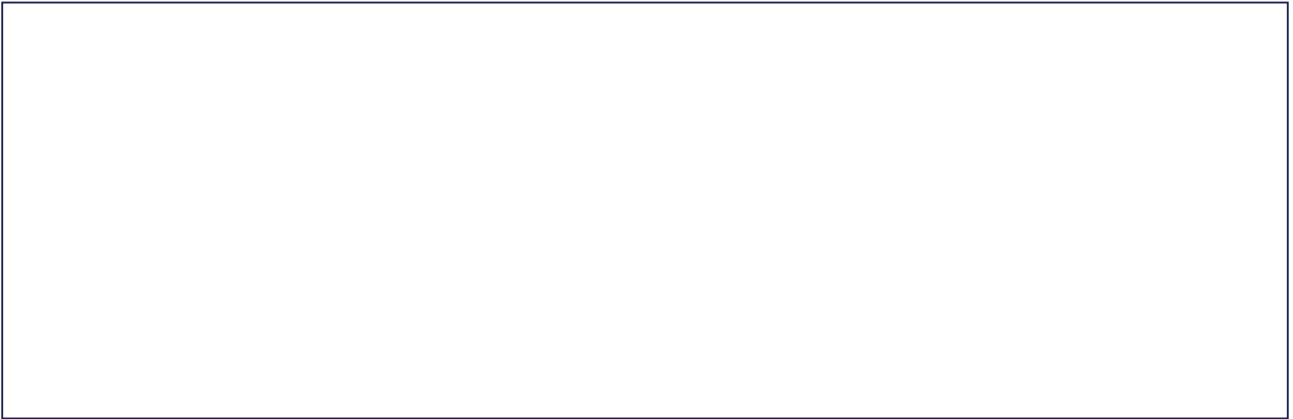
7. What is the area of a square with sides of 5m? A) 25m²* B) 20m² C) 10m² D) 50m² (1 mark)

8. If a park is 0.4km wide, how many metres is that? (1 mark)

9. How many millilitres are in 1 litre of water? (1 mark)

10. True or False: 500ml is exactly half a litre. (1 mark)

Draw: Draw a rectangle with a perimeter of 12cm and label its length and width in centimetres.



Extension challenge: Max has £10.00. He wants to buy 3 packs of fruit that cost £2.50 each and a drink for £1.20. Does he have enough money? Show your working out!