

Max the Monkey's Measurement Mission

Learning objective: To calculate the perimeter and area of rectilinear shapes using standard units (cm and cm²).

Help Max the Monkey solve his jungle puzzles! Read each question carefully and write your answer clearly. Remember: Perimeter is the distance around the outside, and Area is the space inside.

Answer Key: 1. A (12cm), 2. True, 3. 16cm², 4. C (10cm), 5. False, 6. 18cm, 7. 20cm², 8. Area, 9. B (14cm), 10. 12cm².

Word bank: Perimeter · Area · Centimetres · Square · Length · Width

1. 1. Max has a square tile with sides of 3cm. What is the perimeter? A) 12cm* B) 9cm C) 6cm D) 15cm (1 mark)

2. 2. True or False: To find the area of a rectangle, you can multiply the length by the width. (1 mark)

3. 3. A rectangle has a length of 4cm and a width of 4cm. What is the area in cm²? (1 mark)

4. 4. If a shape has sides of 2cm, 3cm, 2cm, and 3cm, what is the total perimeter? A) 5cm B) 7cm C) 10cm* D) 12cm (1 mark)

5. 5. True or False: Perimeter is measured in square centimetres (cm²). (1 mark)

6. 6. A rectangle has a length of 6cm and a width of 3cm. What is the perimeter? (1 mark)

7. 7. A garden patch measures 5cm by 4cm. What is the area? (1 mark)

8. 8. Which measurement tells you how much paint you need to cover the surface of a tabletop: Perimeter or Area? (1 mark)

9. 9. A shape has a perimeter of 14cm. If three sides are 3cm, 4cm, and 3cm, what is the missing fourth side? A) 3cm B) 4cm* C) 5cm D) 2cm (1 mark)

10. 10. Max draws a rectangle that is 6cm long and 2cm wide. What is the area? (1 mark)

Draw: Draw a rectangle on squared paper that has an area of 10cm^2 . Label the length and width.



Extension challenge: Max wants to build a fence around his banana patch. If the patch is 5 metres long and 3 metres wide, and each metre of fencing costs £2, how much will it cost Max to fence the whole patch?