

Max the Monkey's Area and Perimeter Quiz

Learning objective: To calculate the perimeter of rectilinear shapes and find the area by counting squares.

Read each question carefully. Use the word bank if you get stuck. Write your answers in the boxes provided.

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

Word bank: Perimeter · Area · Square · Centimetre · Total · Add · Multiply

1. 1. Max is walking all the way around the edge of a garden. What is he measuring? A) Perimeter* B) Area C) Height D) Weight (1 mark)

2. 2. True or False: Perimeter is the distance around the outside of a shape. (1 mark)

3. 3. A square has sides of 3cm. What is the perimeter? (Hint: 3+3+3+3) (1 mark)

4. 4. What do we call the space inside a shape? A) Length B) Area* C) Width D) Corner (1 mark)

5. 5. True or False: To find the area of a rectangle, you can count the squares inside. (1 mark)

6. 6. A rectangle has sides of 5cm and 3cm. What is the perimeter? (5+3+5+3) (1 mark)

7. 7. If a shape covers 8 squares on a grid, what is its area? (Answer in squares) (1 mark)

8. 8. True or False: The perimeter of a shape is always measured in square units. (1 mark)

9. 9. A square has sides of 5cm. What is the total perimeter? (5+5+5+5) (1 mark)

10. 10. Max draws a rectangle that is 4 squares long and 3 squares wide. What is the area? (4 x 3) (1 mark)

Draw: Draw a rectangle on a piece of squared paper. Make it 4 squares long and 2 squares wide. Count the squares to find the area and write it inside.



Extension challenge: Max has £10. He wants to buy a border for his garden. If the border costs £1 per centimetre and his garden perimeter is 8cm, how much money will he have left?