

Max's Magnificent Maths: The Great Angle Adventure

Learning objective: To identify, compare, and order angles as greater than, less than, or equal to a right angle.

Max the monkey is exploring the jungle and needs your help to identify the angles he finds! Read each question carefully and circle the correct answer.

Answer Key: 1. A (Right angle), 2. True, 3. Acute, 4. B (More than 90 degrees), 5. False, 6. Right angle, 7. C (Less than 90 degrees), 8. True, 9. Obtuse, 10. A (It is a right angle).

Word bank: Right angle · Acute · Obtuse · Degrees · Corner · Vertex

1. 1. Max sees a square leaf. What do we call the corners of a square? A) Right angle* B) Acute angle C) Obtuse angle D) Straight line (1 mark)

2. 2. True or False: An acute angle is smaller than a right angle. (1 mark)

3. 3. If an angle is wider than a right angle, is it called acute or obtuse? (1 mark)

4. 4. What is true about an obtuse angle? A) It is exactly 90 degrees B) It is more than 90 degrees* C) It is less than 90 degrees D) It has no corners (1 mark)

5. 5. True or False: All angles are the same size. (1 mark)

6. 6. Look at the corner of your maths book. What type of angle is it? (1 mark)

7. 7. Which of these describes an acute angle? A) A very large angle B) An angle equal to a right angle C) An angle smaller than a right angle* D) An angle that is flat (1 mark)

8. 8. True or False: A right angle looks like the corner of a capital letter L. (1 mark)

9. 9. Max finds an angle that is very wide, like an open crocodile's mouth. Is this acute or obtuse? (1 mark)

10. 10. If two lines meet to make a perfect square corner, what is it? A) Right angle* B) Acute C) Obtuse D) Triangle (1 mark)

Draw: Draw a picture of Max the monkey sitting under a tree. In your picture, hide three different angles: one acute angle (like a thin branch), one right angle (like a square rock), and one obtuse angle (like a wide-open vine). Label them!



Extension challenge: Max has £5.00 to spend on geometry tools. If a protractor costs £1.20 and a set square costs £0.80, how much change will he get back from his £5.00 note?