

Max's Magnificent Angle Adventure

Learning objective: To identify, compare, and order angles including acute, obtuse, and right angles.

Max the Monkey is busy measuring the angles of the jungle! Help him solve these 10 challenges. Read each question carefully and choose the correct answer or write your answer clearly.

Answer Key: 1. A (Acute), 2. False, 3. Right angle, 4. C (Obtuse), 5. True, 6. Acute, 7. B (90 degrees), 8. True, 9. Obtuse, 10. False. Max loves how you used your mathematical skills today!

Word bank: Acute · Obtuse · Right angle · Degrees · Straight line · Protractor · Turn

1. 1. Max sees a leaf shaped like a small, sharp corner. An angle smaller than 90 degrees is called: A) Acute*, B) Obtuse, C) Straight, D) Reflex. (1 mark)

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

3. 3. What do we call an angle that is exactly 90 degrees? (1 mark)

4. 4. Which angle is greater than 90 degrees but less than 180 degrees? A) Acute, B) Right angle, C) Obtuse*, D) Circle. (1 mark)

5. 5. True or False: A full turn is 360 degrees. (1 mark)

6. 6. If an angle measures 45 degrees, is it Acute or Obtuse? (1 mark)

7. 7. How many degrees are in a right angle? A) 45, B) 90*, C) 180, D) 360. (1 mark)

8. 8. True or False: You can use a protractor to measure angles in degrees. (1 mark)

9. 9. If an angle measures 120 degrees, what type of angle is it? (1 mark)

10. 10. True or False: A straight line is 90 degrees. (1 mark)

Draw: Draw Max the monkey holding a wooden ruler and a protractor, measuring the corner of a large jungle leaf. Label one acute angle and one obtuse angle on the leaf.



Extension challenge: Max has £5.00. He wants to buy a set of geometry shapes that cost £2.75. If he buys them, how much change will he have left? Explain how you calculated this using a column subtraction method.