

Max the Monkey's Measurement Mission

Learning objective: To measure, compare, and describe lengths, heights, weights, and capacity using standard and non-standard units.

Read each question carefully. Help Max the Monkey solve these math puzzles by choosing the right answer or writing your response in the space provided.

Answer Key: 1) B, 2) True, 3) 5p, 4) A, 5) False, 6) heavier, 7) C, 8) 10cm, 9) True, 10) empty. Total marks: 10.

Word bank: heavier · lighter · taller · shorter · full · empty · centimetres · kilograms

1. 1. Max has a pencil that is 10cm long and a crayon that is 5cm long. Which is longer? A) The crayon, B) The pencil*, C) They are the same, D) I don't know. (1 mark)

2. 2. True or False: You can measure how much water a jug holds by using capacity. (True/False) (1 mark)

3. 3. Max bought a banana for 20p and an apple for 15p. How much more did the banana cost than the apple? (Write the answer in pence) (1 mark)

4. 4. Which of these would you use to measure the length of a desk? A) A ruler*, B) A scale, C) A thermometer, D) A clock. (1 mark)

5. 5. True or False: A heavy rock is lighter than a single feather. (True/False) (1 mark)

6. 6. Fill in the blank: If a bag of flour weighs 2kg and a bag of sugar weighs 1kg, the flour is _____ than the sugar. (1 mark)

7. 7. If a bucket is filled to the top with water, it is: A) Empty, B) Half-full, C) Full*, D) Leaking. (1 mark)

8. 8. Max's tail is 10cm long. If he grows 2cm, how long will it be? (Write the number and unit) (1 mark)

9. 9. True or False: Kilograms are used to measure how heavy something is. (True/False) (1 mark)

10. 10. If you pour all the water out of a cup, the cup is now _____. (1 mark)

Draw: Draw Max the Monkey standing next to a very tall sunflower. Draw a small bee _____ buzzing near the top of the flower to show which one is taller.



Extension challenge: Find three objects in your classroom. Put them in order from the shortest to the tallest. Write down their names and their lengths in centimetres if you can measure them!