

Max the Monkey's Measurement Adventure

Learning objective: To assess understanding of length, height, weight, and capacity using non-standard and standard units of measurement.

Read each question carefully. Use your ruler, your knowledge of scales, and your best counting skills to help Max solve these maths puzzles.

Max the Monkey is tidying his jungle home. He has a box of fruit, some colourful ribbons, and jars of honey. He needs your help to measure his things correctly!

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

1. Max has two ribbons. One is 5cm long and one is 8cm long. Which one is longer? Write the length of the longer ribbon. (2 marks)

2. Max puts a banana on one side of a balance scale and a heavy stone on the other. The stone side goes down. Is the banana heavier or lighter than the stone? (2 marks)

3. Max fills a small jar with honey. If he pours the honey into a big bowl, will the bowl be full or empty? Explain why. (4 marks)

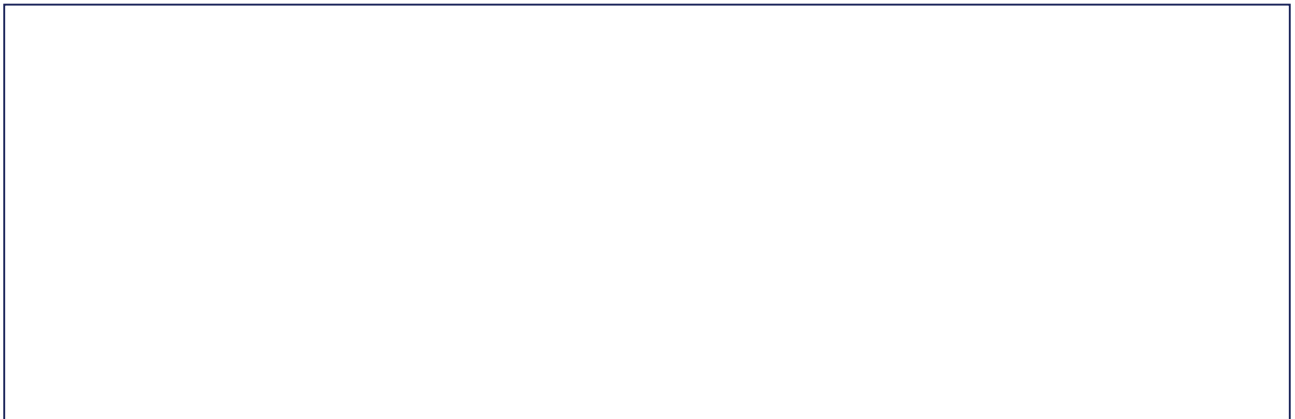
4. Look at these three objects: a leaf, a coconut, and a feather. Order them from lightest to heaviest. (4 marks)

5. Max uses 3 paperclips to measure the width of his notebook. If he uses a ruler instead, will the measurement be in centimetres or kilograms? Why? (4 marks)

6. Max is building a tower of blocks. He wants it to be 10cm tall. If he has already built it to 7cm, how many more centimetres does he need to add to reach his goal? Show your working out. (4 marks)

7. Imagine you are helping Max pack his bag for a trip. Write a short story (3-5 sentences) about three items you would pack. Describe them using words like 'heavier', 'taller', or 'longer' to compare them to each other. (5 marks)

Draw: Draw a picture of a balance scale. On one side, draw a heavy apple. On the other side, draw something that is lighter than an apple.



Extension challenge: Total: /25