

Max's Market Day: Measuring Length and Money

Learning objective: To choose and use appropriate standard units to estimate and measure length (cm/m) and solve simple money problems involving pounds and pence.

Help Max the monkey organise his fruit stall! Use a ruler to help you measure the items and use your maths skills to total up the cost of the fruit.

Max the monkey is setting up a fruit stall in the forest. He has a banana that is 15 centimetres long and a large melon that is 30 centimetres long. He sells apples for 20p each and bunches of grapes for 50p. Max uses a long tape measure to check that his stall is exactly 2 metres wide so he has enough space for all his friends to visit. Today, Pip the caterpillar wants to buy two apples and one bunch of grapes.

Word bank: centimetres · metres · ruler · total · change · pence · pounds · estimate · measure

1. How long is the banana and the melon added together? (2 marks)

2. If Max's stall is 2 metres wide, how many centimetres is that in total? (Hint: 1 metre = 100 centimetres) (2 marks)

3. How much will Pip spend in total if he buys two apples at 20p each and one bunch of grapes for 50p? (2 marks)

4. Pip pays with a £1 coin. How much change will Max give him? (2 marks)

5. Would you use a ruler or a metre stick to measure the length of a desk? Explain why. (2 marks)

Draw: Draw Max's fruit stall. Include the banana (15cm) and the melon (30cm) on the counter, and label them with their measurements.



Extension challenge: Max finds a pineapple that is 45 centimetres long. If he places the banana, the melon, and the pineapple in a straight line, how long is the total row in centimetres?