

Max's Market Challenge: Measuring Money and Length

Learning objective: To solve problems involving the conversion of units of measurement and the calculation of money in pounds and pence.

Max the monkey is helping at the local market. He needs to measure the length of fruit stalks and calculate the cost of produce. Follow the instructions for each task below. Use your knowledge of converting between metres (m), centimetres (cm), and millimetres (mm), and how to add up totals in £ and p.

Word bank: 100cm = 1m · 10mm = 1cm · 100p = £1 · decimal point · units · conversion

1. Max has a bunch of bananas with a stem that is 150cm long. How many metres and centimetres is this? Write your answer in metres using a decimal point. (2 marks)

2. A punnet of strawberries costs £2.50. If a customer pays with a £5 note, how much change should Max give them? (2 marks)

3. The distance between two apple crates is 2 metres. If Max wants to measure this in centimetres, what would the distance be? (2 marks)

4. Max finds a piece of ribbon that is 45mm long. How many centimetres is this? (Hint: divide by 10). (2 marks)

5. A bag of oranges costs £3.20 and a bag of apples costs £1.80. What is the total cost for both items? (2 marks)

Draw: Draw a fruit stall scene where Max the monkey is holding a tape measure against a giant carrot. Label the carrot's length in both centimetres and metres.



Extension challenge: Max has £10.00. He buys three bags of pears at £2.10 each. How much money does he have left? Show your working out.