

Max's Market Maths Challenge

Learning objective: To measure, compare, add and subtract lengths (m, cm, mm) and calculate the cost of items using pounds and pence.

Max the monkey is helping at the local market today! He has measured some of his favourite produce and needs your help to solve the maths puzzles. Read the measurements and prices carefully, then answer the questions below. Remember to check your units!

Word bank: centimetres · metres · millimetres · pounds · pence · total · difference

1. Max has a carrot that is 15cm long and a parsnip that is 22cm long. What is the total length of the carrot and the parsnip combined? (2 marks)

2. A large bunch of kale costs £1.20 and a bag of apples costs £2.50. How much would it cost to buy both items? (2 marks)

3. Max measures a cucumber at 40cm. A smaller courgette is 25cm. How much longer is the cucumber than the courgette? (2 marks)

4. If Max has a £5 note and buys a bag of potatoes for £3.40, how much change should he receive? (2 marks)

5. True or False: 1 metre is the same as 100 centimetres. Explain how you know. (2 marks)

Draw: Draw a market stall with three items. Label each item with a length (in cm or m) and a price (in £).



Extension challenge: Max wants to build a vegetable rack that is 2 metres long. He has three planks of wood measuring 60cm, 70cm, and 80cm. If he joins them all together, will the rack be long enough? Show your working out.