

Max's Market Maths Challenge

Learning objective: To convert between different units of measure and solve problems involving money and length.

Read the information below about Max the monkey's day at the local market. Use your knowledge of measurement to answer the questions. Show your working out clearly.

Max the monkey is helping his friends prepare for a picnic. At the market, he buys 2 metres of colourful ribbon to decorate the picnic spot. He also buys a giant bunch of bananas that weighs 1,500 grams. A punnet of strawberries costs £2.50, and a bag of apples costs £1.75. Max has a £5 note to spend on fruit.

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

1. Max needs to cut his 2-metre ribbon into strips of 20 centimetres each. How many strips can he make in total? (2 marks)

2. The bunch of bananas weighs 1,500 grams. How many kilograms is this? (1 mark)

3. Calculate the total cost of the strawberries and the bag of apples. Write your answer in pounds and pence. (2 marks)

4. If Max buys the strawberries and the apples with his £5 note, how much change should he receive? (2 marks)

5. A small decorative flower is 45 millimetres long. How many centimetres is this? (1 mark)

Draw: Draw a ruler next to the 2-metre ribbon and label the 20-centimetre marks to show how Max cuts his ribbon.



Extension challenge: If Max decided to buy three bags of apples instead of one, would he have enough money left from his £5 note? Explain your reasoning using calculations.