

Max's Market Stall Measurement Challenge

Learning objective: To convert between different units of measure (e.g., kilometres to metres; hours to minutes) and solve problems involving money and length.

Help Max the monkey organise his market stall. Use your knowledge of measurement and money to solve the problems below. Show your working out clearly.

Max is selling fresh fruit at the forest market. He has a display table that is 200 centimetres long. He sells bunches of bananas for £1.20 each and bags of apples for £2.50. His friend Leo the lion walks 3 kilometres to get to the market, which takes him 45 minutes. Max needs to make sure all his produce is measured correctly before the customers arrive.

Word bank: convert · millimetres · centimetres · metres · kilometres · total · change · duration

1. Max's table is 200 centimetres long. How many metres long is the table? (1 mark)

2. Leo walks 3 kilometres to the market. How many metres does Leo walk in total? (2 marks)

3. If a customer buys two bunches of bananas at £1.20 each, how much money should they pay in total? (2 marks)

4. The customer pays with a £5 note. How much change should Max give them? (2 marks)

5. Leo's walk takes 45 minutes. How many more minutes would he need to walk to reach a full hour? (2 marks)

Draw: Draw Max's market stall. Include a sign showing the table length in metres, and draw a display of fruit with price tags showing the cost in £ and p.



Extension challenge: Imagine Max wants to add a new section to his stall that is 1.5 metres long. If he already has 2 metres of space, does he have enough room? Explain your answer using millimetres.