

Max's Market Stall Percentages

Learning objective: To recognise and write decimal equivalents of any number of tenths or hundredths and to understand percentages as parts of 100.

Help Max the monkey organise his fruit stall! Read the passage about Max's market day and answer the questions below. Then, use the drawing prompt to show off your understanding of percentages.

Max the monkey has opened a fruit stall at the local market. He has 100 pieces of fruit to sell. So far, he has sold 25 apples, which is $25/100$ or 25% of his stock. He has also sold 50 bananas, which is $50/100$ or 50% of his stock. Max is very pleased because he has only 25 pieces of fruit left to sell before he can go home to climb some trees!

Word bank: percentage · hundredths · fraction · equivalent · decimal · whole

1. Max sold 25 out of 100 apples. Write this as a percentage and a decimal. (2 marks)

2. If Max sells 10 more pieces of fruit, what percentage of his original 100 pieces would that be? (1 mark)

3. Max has 25 pieces of fruit left. What percentage of his total stock is left? Write your answer as a percentage. (1 mark)

4. If an orange costs £1.00 and Max gives a 50% discount, how much does the orange cost now? (2 marks)

5. Explain why 50% is the same as 0.5. (2 marks)

Draw: Draw a large grid of 100 squares (a 10x10 square). Colour 30% of the squares red to show the strawberries Max sold, and 20% of the squares yellow to show the lemons he sold. How many squares are left uncoloured?



Extension challenge: Max decides to have a sale! If a bag of nuts costs £4.00, and he offers a 25% discount, how much money does the customer save? What is the new price of the bag of nuts?