Max’s Market Math: Number Bonds to 100

Learning objective: To recall and use number bonds to 100 fluently.

Help Max the monkey work out the prices at the forest market. Use your knowledge of number bonds to 100 to solve these problems.

Max is helping out at the local fruit stall. He knows that if a piece of fruit costs £1.00 (which is 100p), he can easily work out the change by using number bonds to 100. If an apple costs 30p, Max knows that 70p is needed to make the total 100p. Max loves using math to make sure every customer gets the right change!

Word bank: total · bond · subtract · sum · remainder · value

1. Max sells a bunch of bananas for 40p. How much more do you need to reach 100p? (2 marks)

2. A melon costs 25p. If you pay with a £1 coin (100p), what is the remainder of your money? (2 marks)

3. If Max’s total sales for two items equal 100p, and one item is 85p, what is the value of the other item? (2 marks)

4. Explain how you know that 60p and 40p make a bond to 100. (2 marks)

5. A pear costs 15p. How much change would you get from £1.00? (2 marks)

Draw: Draw a picture of Max the monkey standing behind a market stall with different fruits labelled with prices that add up to 100p.

Extension challenge: Can you write your own 'Number Bond to 100' word problem for a friend to solve? Make sure you include the total price and the cost of one item.