Home Learning - Session 3

Year 6 - Reasoning (Subtraction - Money)

Pupil Expectations

Fluency in maths is about developing number sense and being able to the most appropriate method for the task at hand; to be able to apply a skill to multiple contexts.

Reasoning is seen as the glue that bonds pupils' mathematical skills together; it's also seen as bridging the gap between fluency and problem solving, allowing pupils to use their fluency to accurately carry out problem solving.

Focus Learning - Model Example

An iced cake costs 10p more than a plain cake. Sarah bought two of each cake. They cost £1 altogether. What is the cost of an iced cake?

(2 marks)

Step 1: £1 ÷ 2 = 50p

50p – 10p = 40p

40p ÷ 2 = 20p

20p + 10p

Answer: 30 p

Year 6 Expected

1. An eclair costs 20p more than a plain cake. Sarah bought two of each cake. They cost £2.00 altogether. What is the cost of an iced cake?

   (2 marks)

2. Emily, Ben and Nisha take part in a sponsored swim to collect money for charity.Emily collects £2.75 more than Nisha. Ben collects £15
   Nisha collects £7 less than Ben. Altogether how much money do the three children collect?

   (2 marks)

Year 6 Mastery

Hassan bought a notebook and a pen. He paid £1.10

Kate bought a notebook and 2 pens.

She paid £1.45

Calculate the cost of a notebook.