

Max's Brilliant Maths Challenge: Word Problem Flashcards

Learning objective: To solve multi-step word problems involving all four operations, including money and measurement, at the Year 5 expected standard.

Read the front of the card to see the problem. Try to solve it in your head or on a piece of scrap paper, then check the answer on the back.

Max has £15.00. He buys 3 notebooks at £2.40 each. How much change does he receive?

£7.80

A baker makes 144 biscuits. He packs them into boxes of 12. If he sells each box for £3.50, how much money does he make in total?

£42.00

Ellie the elephant needs 45 litres of water a day. How many litres does she drink in exactly 4 weeks?

1,260 litres

A school trip costs £12.50 per child. There are 28 children in the class. What is the total cost for the whole class?

£350.00

Kit the fox has a piece of string 5 metres long. He cuts off 85 centimetres. How many centimetres are left?

415 centimetres

Zara has 48 coloured pencils. She shares them equally among 6 friends. How many pencils does each friend get?

8 pencils

A train journey takes 2 hours and 45 minutes. If the train leaves at 09:15, what time does it arrive?

12:00 (midday)

Leo needs to run 1,000 metres for his training. He has already run 640 metres. How much further does he have to run?

360 metres

Pip the caterpillar finds 4 piles of leaves. Each pile has 16 leaves. If he eats 12 leaves, how many are left?

52 leaves

A cinema has 12 rows of seats with 15 seats in each row. How many seats are there altogether?

180 seats

Bea the bee flies 150 metres to a flower and 230 metres back to the hive. How far does she travel in 3 trips?

1,140 metres

Nova has a collection of 250 star stickers. She gives 75 to her friends and loses 15. How many does she have left?

160 stickers