Maths Problem Cards
Challenge Cards

twinkl

Problem 1

Isaac needs to be in town for half past two. The journey takes 40 minutes.

What time does Isaac need to set off?

Problem 2

Poppy has £3. Melons cost 75p.

How many melons can Poppy buy?

Problem 3

String A is 66cm long.

String B is 41cm long.

What is their total length?

Problem 4

Logan has a jar with 70 sweets in.

He eats 27 sweets.

How many sweets are left?

Problem 5

Ellie gets 30p pocket money every week.

She wants to buy a toy for £2.70.

How many weeks must she save for to buy the toy?

Problem 6

Jude starts watching a film at quarter past five. The film is 1 hour and twenty minutes long.

What time will the film finish?

Problem 7

A small egg weighs 33 grams.

How much would 3 small eggs weigh?

Problem 8

A large egg weighs roughly 60 grams.

How much would 4 large eggs weigh?

Problem 9

What four coins could Lola use to make 63p?

Problem 10

Lucas has £5.

He buys 2 melons at 70p each, 3 bananas at 11p each and 6 apples at 5p each.

How much change does he get?

Problem 11

A bag of potatoes weighs 1/2 kg.

What would be the weight of 5 bags of potatoes?

Problem 12

Ryan went for a walk. He set off at 2:20 and arrived back home at 2:45.

How long was Ryan walking for?

Problem 13

A jug holds 200ml of water.

A small cup holds 40ml.

How many cups of water can the jug hold?

Problem 14

One book weighs 1/4 kg.

What would be the weight of 8 books?

Problem 15

Layla's pie needs 35 minutes in the oven.

The time is 6:55.

What time does the pie need to come out of the oven.

Problem 16

Toy A costs £3.40. Toy B costs £4.40.

Toy C costs £6.50. Toy D costs £5.70.

Toy E costs £2.20. Toy F costs £4.60.

Which two toys would cost exactly £9.00?

Maths Mastery - Time Answers

1. 2:30pm – 40 minutes = Isaac needs to set off at 1:50pm or ten to two.

2. Poppy can buy 4 melons. 300p ÷ 75p = 4

3. String A + String B = 66cm + 41cm = 107cm in total.

4. Logan has 43 sweets left. 70 – 27 = 43.

5. Ellie must save for 9 weeks. 270p ÷ 30p = 9.

6. The film will finish at 6:35pm or twenty-five to seven. 5:15 + 1hr 20 mins = 6:35.

7. 3 small eggs weigh 33g x 3 = 99g.

8. 4 large eggs weigh 60g x 4 = 240g.

9. To make 63p using four coins, Lola would need a 50p, a 10p, a 2p and a 1p.

10. Lucas gets £2.97 change.
    2 x 70p = 140p   3 x 11p = 33p   6 x 5p = 30p
    He spends 140p + 33p + 30p = 203p in total.
    500p – 203p = 297p or £2.97.

11. The weight of 5 bags of potatoes = $\frac{1}{2}$ kg x 5 = 2 $\frac{1}{2}$ kg.

12. Ryan's walk was 25 minutes long.
    2:45 – 2:20 = 25 minutes

13. The jug can hold 5 cups of water. 200ml ÷ 40ml = 5.

14. The weight of 8 books is $\frac{1}{4}$ kg x 8 = 2kg.

15. The pie needs to come out of the oven at 7:30.
    6:55 + 35 minutes = 7:30.

16. Toy B + Toy F = £9.00.
    £4.40 + £4.60 = £9.00