

Year 4 Maths Problems

Answers on the last page!

Problem 1

Aaron starts watching a film at 2:20.

The film is 85 minutes long.

What time does the film end?

twinkl

Problem 2

The side of a square measures 12cm.

How long is the perimeter?

twinkl

Problem 3

Molly has a piece of string that is 75cm long.

She cuts the string into 3 equal lengths.

How long is one length of string?

twinkl

Problem 4

Elsie buys a teddy for £6.10 and a pair of rollerblades for £8.20.

How much does she spend?

twinkl

Problem 5

The perimeter of a hexagon is 66cm.

How long is one side?

twinkl

Problem 6

A book weighs 200g.

How much would 10 books weigh in kilograms?

twinkl

Problem 7

A bottle holds half a litre of water.

How many bottles of water could a 3 litre jug fill?

twinkl

Problem 8

Zara sends out 40 invitations.
 $\frac{3}{4}$ of the people she invites reply saying they can go.

How many people can't go?

twinkl

Problem 9

A new game costs £8.
Alfie receives 50p spending money
a week.

How many weeks will it take him
to save up for the game?

twinkl

Problem 10

Ruby has 31 marbles.
Dan has twice as many marbles as
Ruby.

How many marbles has Dan got?

twinkl

Problem 11

Luke has 58 marbles.
Jade has half as many marbles as
Luke.

How many marbles had Jade got?

twinkl

Problem 12

Leon has a cake mix. For every 100g
of mix he uses, he must add 1 egg
and 30ml of water.

He uses 300g of mix. How much
water must he add?

twinkl

Problem 13

A box holds 60 bananas.
Jacob has 3 boxes of bananas. He gives out 28 bananas to his class.

How many bananas does Jacob have left?

twinkl

Problem 14

Arthur and Evan go to the Fun Fair. They both go on three rides costing 75p each.

How much do they spend altogether?

twinkl

Problem 15

A grapefruit costs 17p.

How many grapefruits can be bought for £5?

twinkl

Problem 16

Leah wants to give to charity. Her dad says for every £3 she gives, he will give £1.50. Leah gives £15 to charity.

How much does her dad give?

twinkl

Problem 17

Gran gives Callum £25 for his birthday.

His mum gives him half the amount that Gran gives him.

How much does he get altogether?

twinkl

Problem 18

Class 5 go to the cinema.

Adult tickets cost £1.20.

Childrens tickets cost 50p.

What is the total cost for 20 children and 5 adults?

twinkl

Problem 19

A box of chocolate bars contains 6 bars and costs £1.80.

How much is the cost of 1 chocolate bar?

twinkl

Problem 20

In a traffic survey, Class B count 6 red cars and 16 white cars. There were half as many blue cars as white. There were three times more black cars than blue.

How many black cars went past?

twinkl

Answers:

- 1 - 3:45.
- 2 - 48cm.
- 3 - 25cm.
- 4 - £14.30.
- 5 - 11cm.
- 6 - 2 kilograms.
- 7 - 6.
- 8 - 10.
- 9 - 16 weeks.
- 10 - 62.
- 11 - 29.
- 12 - 90ml.
- 13 - 152.
- 14 - £4.50.
- 15 - 29.
- 16 - £7.50.
- 17 - £37.50.
- 18 - £16.
- 19 - 30p.
- 20 - 24.