

1 Liam is participating in a high jump competition at his school sports day.

To progress to the final round, he needs to clear a height of 1.5 m.

In his last attempt, Liam manages to jump 1.38 m.

By how much did Liam fall short of the qualifying height?

- A 0.22 m B 0.12 m C 0.18 m D 0.32 m

1

2 The time in Tokyo is 9 hours ahead of the time in London.

It takes 12 hours to fly from London to Tokyo.

When Sarah's flight leaves London, the time there is 10:45.

What time is it in Tokyo when her flight lands there?

- A 07:45 B 19:45 C 22:45 D 31:45

1

3 A square-based pyramid has a base edge length of 8 cm.

Calculate the perimeter of the base of the pyramid.

- A 32 cm B 16 cm C 24 cm D 64 cm

1

4 In a kite, one of the angles measures 60° while another angle measures 110° .

What is the possible size of another angle in this kite?

- A 80° B 60° C 90° D 120°

1

5 Amelia is saving up her pocket money to buy a new book.

She has already saved £12, but the book costs £27.

If she saves an additional £3 per week, how many weeks will it take her to have enough money to buy the book?

- A 3 weeks B 5 weeks C 7 weeks D 9 weeks

1

6

James is planning to watch a movie at the cinema.

The movie starts at 19:30 and he wants to arrive 15 minutes early.

It takes him 25 minutes to drive to the cinema and 10 minutes to find a parking space and walk to the cinema entrance.

At what time should James leave his house to arrive at the cinema on time?

A 18:40**B** 18:50**C** 19:00**D** 19:05

1

7

Liam has a piece of ribbon that is 120 cm long.

He cuts the ribbon into 8 equal pieces to tie around party bags.

How long is each piece of ribbon?

A 15 cm**B** 12 cm**C** 30 cm**D** 60 cm

1

8

A swimming pool is 25 metres long.

Sarah builds a model of the pool that is 50 times smaller than its actual size.

What is the length of Sarah's model?

A 0.5 m**B** 5 m**C** 0.05 m**D** 1250 m

1

9

Sarah started her homework at 16:12.

She spent 14 minutes on her maths homework, then took a 5-minute break.

After the break, she worked on her science project until 17:03.

How long did Sarah spend working on her science project?

A 32 minutes**B** 51 minutes**C** 37 minutes**D** 46 minutes

1

10

Liam has bought 12 metres of fabric.

He wants to cut the fabric into 40 cm pieces to make cushion covers.

How many cushion covers can Liam make?

A 30 cushion covers**B** 48 cushion covers**C** 24 cushion covers**D** 36 cushion covers

1

