Non-calculator Questions

Edexcel

1.

Lela works in a restaurant.

Lela needs to make 15 salads.

She makes 9 salads.

How many more salads does Lela need to make?　　　(2)

Show your working and your answer in the box below.

$$15 - 9 = 6$$
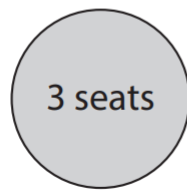
2.

A group of 11 people come into the restaurant.

Lela chooses two tables with a total of 11 seats.

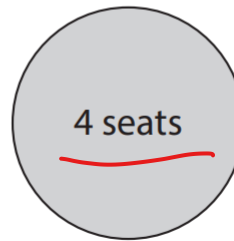**Which two tables does she choose?**   (2)

Tick (✔) the correct tables.

3 seats

( )

4 seats

( )

7 seats
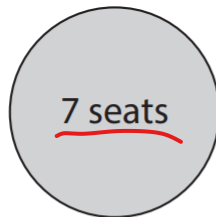
( )

9 seats

( )

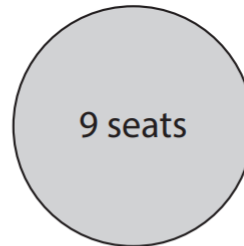Show your working in the box below.

$$7 + 4 = 11$$

3.

Ben has a job in a sports centre.

He works out the cost of tickets.

What is 8 add 5? (1)

Show your answer here.

$$8 + 5 = 13$$

4.

Ben needs 20 towels for customers.

He has 9 towels.

How many more towels does Ben need? (2)

Show your working and your answer here.

9 10 11 12 13 14 15 16 17 18 19 20

$$20 - 9 = 11$$

5.

There are 12 lockers in the gym.

Ben puts 6 more lockers in the gym.

How many lockers are there in total?   (2)

Show your working and your answer here.

12 13 14 15 16 17 18

$$12 + 6 = 18$$

NCFE

6.

Five people are on the tram.

Ten more people get on.

What is 5 + 10?

[1 mark]

10 11 12 13 14 15

$10 + 5 = 15$

7.

Sixteen people work in the museum.

Seven of these people are men.

The rest are women.

How many women work in the museum?

[2 marks]

$16 - 7 = 9$

9 10 11 12 13 14 15 16

8.

Evie checks the post.

She got nine letters on Friday.

She got 13 letters on Monday.

How many more letters did Evie get on Monday than she got on Friday?

[2 marks]

9 10 11 12 13

$$13 - 9 = 4$$

9.

Fez sees some games.

There are five games on the top shelf.

There are 14 games on the bottom shelf.

How many games are there in total?

[2 marks]

14 15 16 17 18 19

$$14 + 5 = 19$$

City & Guilds

10.

12 + 0 = 12
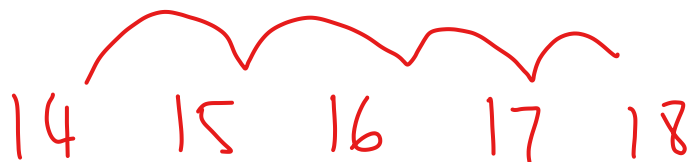
1 mark

11.

Work out **14 + 5 =**

14   15   16   17   18   19

19

1 mark

12.

11   12   13   14   15   16   17

What is **6 add 11?**

17

1 mark

13.

14   15   16   17   18

Work out 18 – 14 =

4

1 mark

14.

Work out **13 + 5 =**

13   14   15   16   17   18
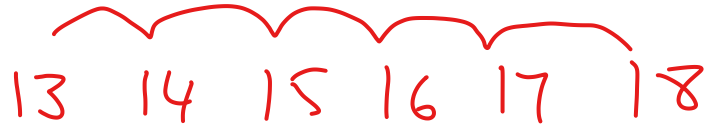
18

1 mark

15.

(2 marks)

Mary needs to bake **18** biscuits. She has baked **12** biscuits.

How many **more** biscuits does she need to bake?

Show your workings.

$$\begin{array}{r} 18 \\ -\ 12 \\ \hline 6 \end{array}$$

Open Awards

16.

(2 marks)

Jo plants 8 packets of seeds. She has 7 more to plant.

How many will she have planted in total?

Show your workings.

$$8 + 7 = 15$$

Calculator Questions

Edexcel

1.

This is how Lela works out a total cost for food.

$$11 + 3 = 14$$

Lela can check her answer in a different way.

Show how Lela can check her answer.   (1)

Show the check in the box below.

$$14 - 3 = 11$$

2.

This is how Rita works out the change for a customer.

$$20 - 15 = 5$$

Rita can <u>check her</u> answer in a different way.
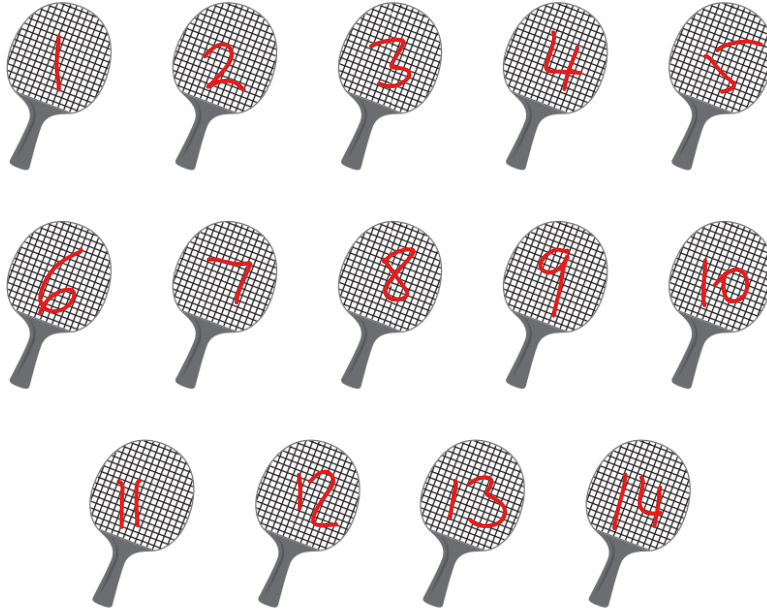
Show how Rita can check her answer. (1)

Show your check here.

$$15 + 5 = 20$$

3.

Rita has these table tennis bats.

Rita gives 14 bats to people in a table tennis class.

How many bats does Rita have left over? (1)

Show your answer here.

$$14 - 14 = 0$$

NCFE

4.

Seth has 13 bottles of water in the restaurant.

He buys another five bottles.

How many bottles does Seth have in total?

[2 marks]

$$13 + 5 = 18$$

5.

Penny puts an internet cable in a room.

She has nine metres of cable.

She needs six metres of cable for the room.

Penny thinks she will have five metres left over.

Is Penny correct?

Give a reason for your answer.

[3 marks]

$9 - 6 = 3$
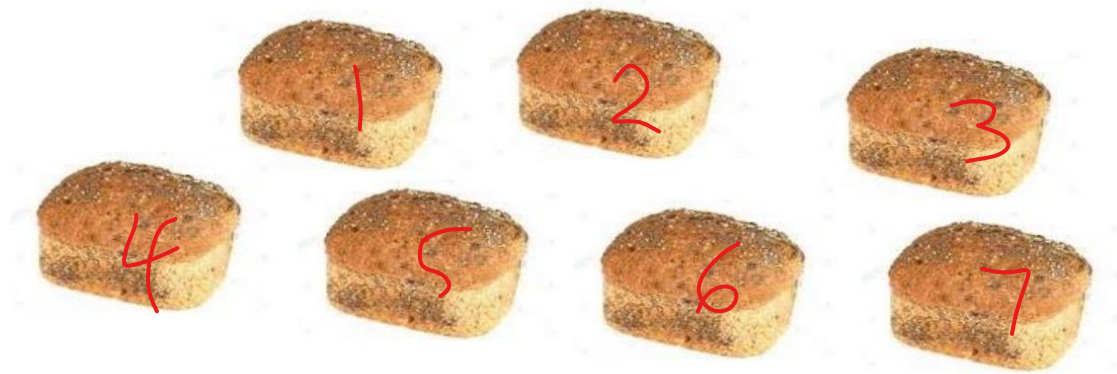
No, she has less than 5m left over.

City & Guilds

6.

A baker **made 18 brown loaves** this morning.

He asks the trainee how many brown loaves they **sold**.

These are the brown loaves they had **left** at the end of the day.

1   2   3
4   5   6   7

$18 - 7 = 11$

| What does the trainee tell the baker? |

We sold ....*11*........ brown loaves.   **2 marks**

7.

| What is **20 take away 13 ?** |

$20 - 13 = 7$

1 mark

16

8.

The owner counts these empty pots of paint **today**.

[Pots labelled handwritten 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17]
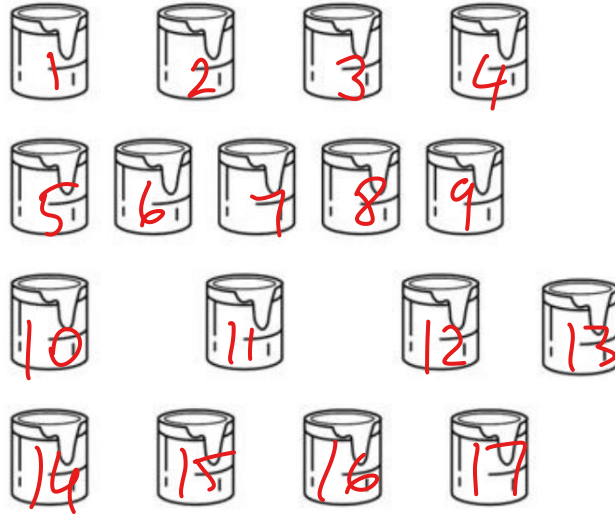
Yesterday there were 8 empty pots of paint.

$$17 - 8 = 9$$

Complete the sentences.

The owner counted ......17...... empty pots of paint today.

The **number** of empty pots today is ......9...... more than the number of empty pots yesterday.

2 marks

9.

Work out **19 – 14 =**

$$19 - 14 = 5$$

1 mark

10.

A car park has 18 parking spaces.

4 of the parking spaces are for drivers with a blue badge.
The rest are for drivers **without** a blue badge.

How many parking spaces are for drivers **without** a blue badge?

18 - 4 = 14

1 mark

11.

The car park has 18 parking spaces.
5 cars are in the car park.

How many **more** cars can park in the car park?

18 - 5 = 13

1 mark

12.

A man pays to park his car for 20 minutes.

He spends 15 minutes shopping.

He does this calculation to work out how much time he has left.

20 − 15 = 5

Show how he can check his answer.

Show your check here.

$$5 + 15 = 20$$

1 mark

13.

(1 mark)

Zainab uses one tea bag each day.

How many tea bags will she need for 2 weeks?

$$7 + 7 = 14$$

Open Awards

14.

Kimi has counted the number of recycled items.

Tin Cans	9
Plastic Bottles	3
Newspapers	7

a) How many items are there in total?   **(2 marks)**

$$7 + 3 = 10$$
$$10 + 9 = 19$$