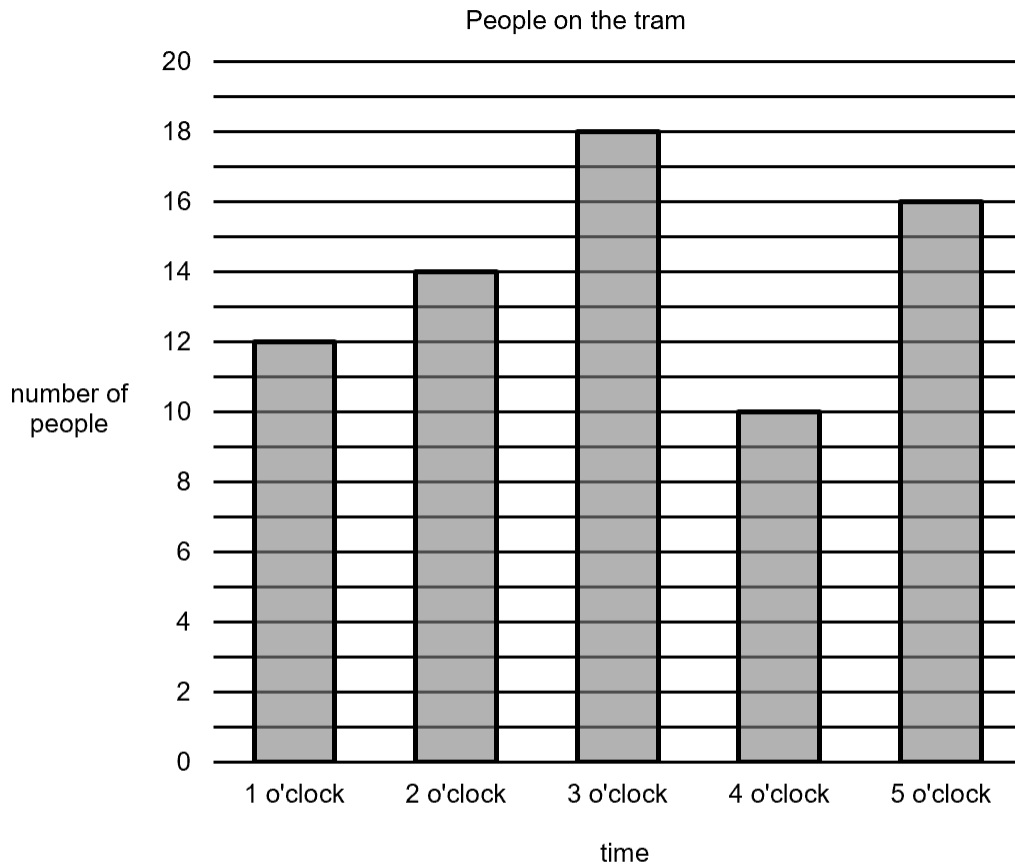**Non-calculator Questions**

NCFE

1.

This chart shows the number of people on the tram.

People on the tram

At what time were the most people on the tram?

[1 mark]

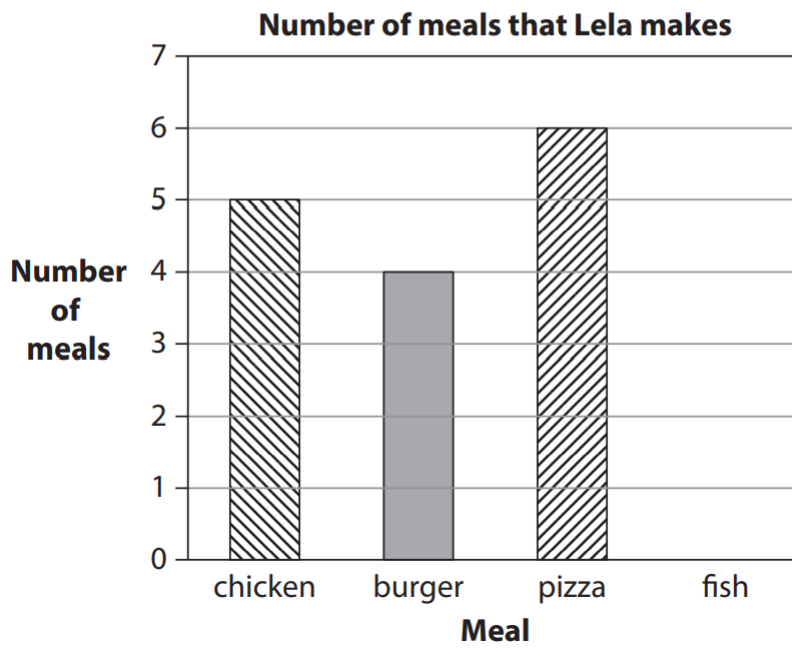**Calculator Questions**

Edexcel

1.

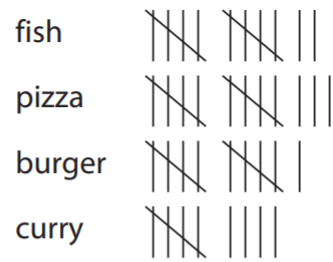Lela draws a chart to show how many meals she makes.

Lela makes 3 fish meals.

Show the number of fish meals on the chart (1)

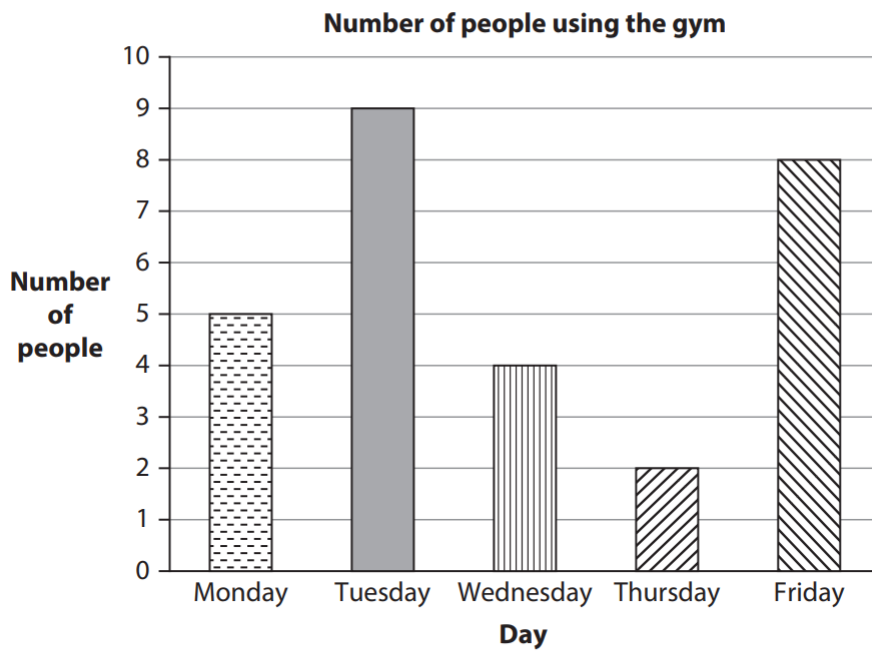2.

Lela makes a tally chart of the meals people choose.

fish   卌 卌 ||

pizza   卌 卌 |||

burger   卌 卌 |

curry   卌 ||||

How many more people choose pizza than curry?   (1)

Show your answer in the box below.

3.

Rita has a chart of the number of people using the gym.

Number of people using the gym

How many more people use the gym on Tuesday
than Thursday?   (1)

Show your answer here.

NCFE

4.

Seth works in the restaurant at the museum.

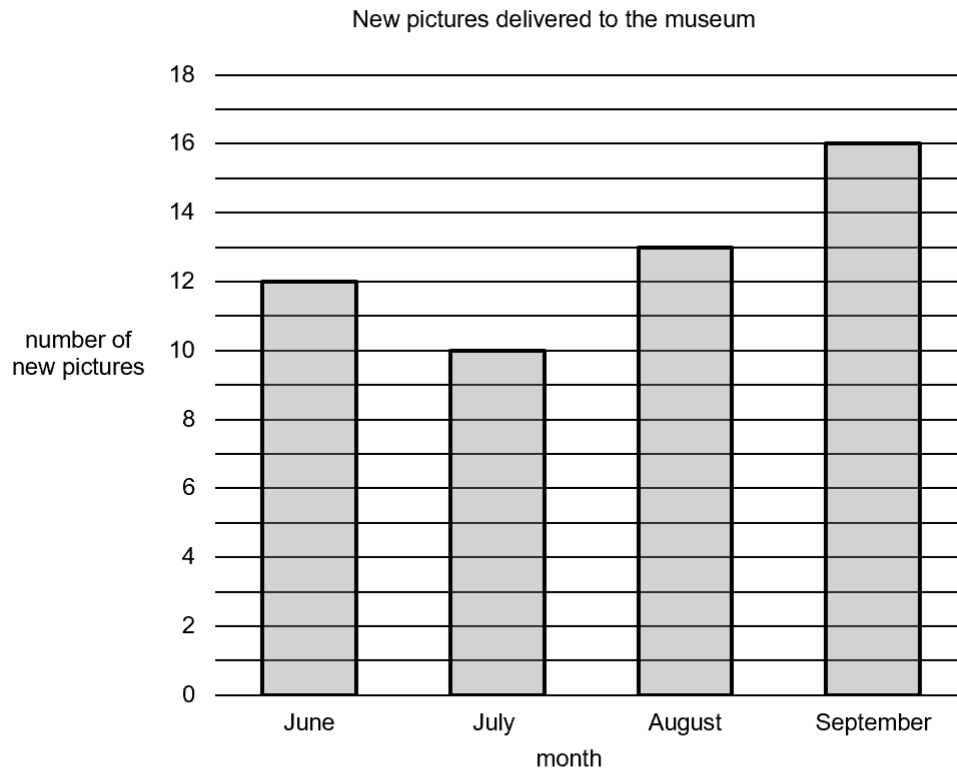He keeps a tally of the meals he sells.

He sells 11 lamb meals.

Complete the tally chart.

[1 mark]

Meal	Tally
pizza	卌 IIII
burger	卌 卌 卌
chicken	卌 卌 卌 II
salad	卌 I
lamb	

5.

Elisha sees this chart in the museum.

New pictures delivered to the museum

How many new pictures were delivered in July?

[1 mark]

6.

Evie keeps a tally of items on the bakery shelf.

There are eight rolls on the shelf.

Complete the tally chart.

[1 mark]

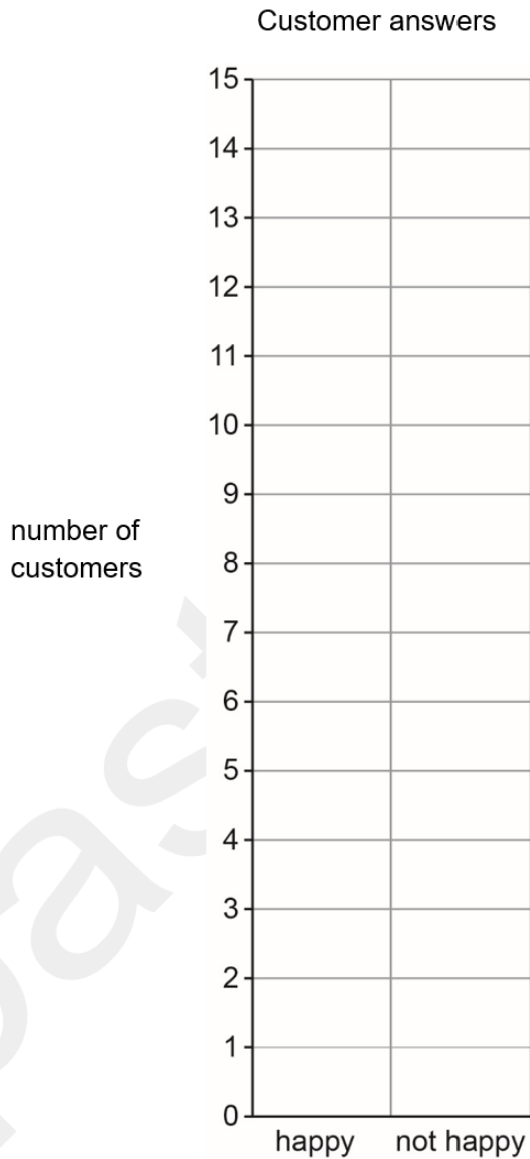| Item	Tally
bread	ЖЖ ЖЖ II
roll	
doughnut	ЖЖ II
muffin	ЖЖ ЖЖ I
bagel	ЖЖ ЖЖ III

7.

Evie asks some customers if they are happy with the shop.

Fourteen customers say they are happy.

Three customers say they are not happy.
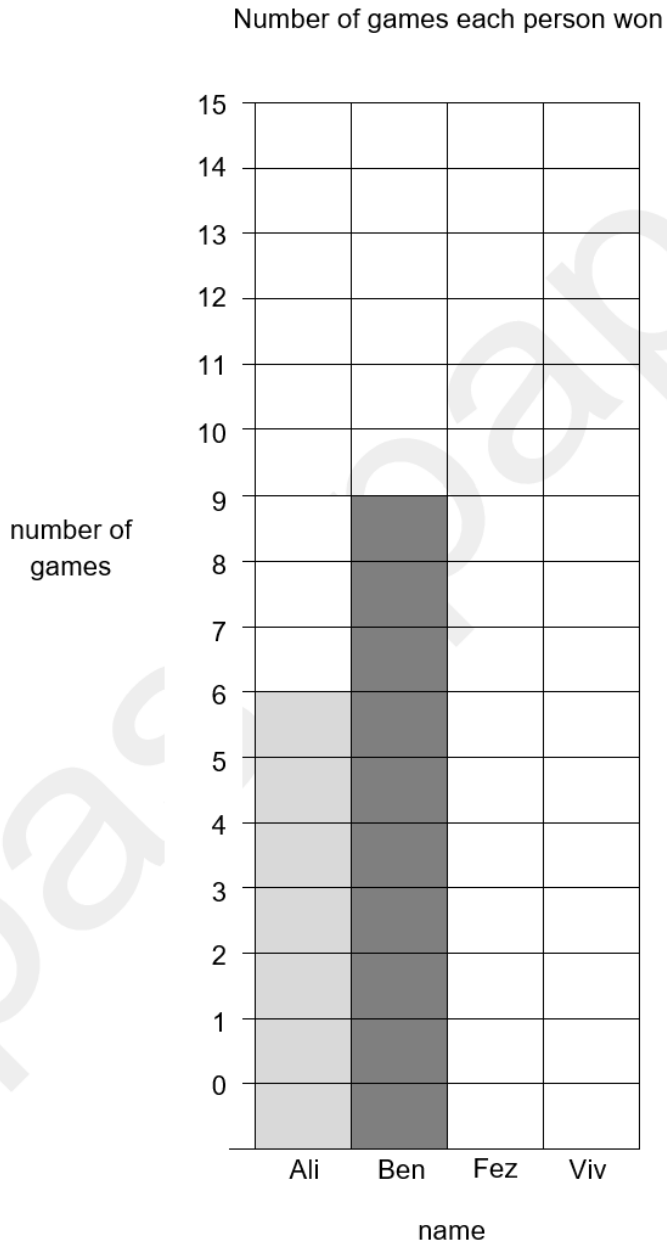
Complete the block chart to show this.

[2 marks]

Customer answers

number of
customers

15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0

happy   not happy

8.

Fez draws a block chart to show the number of games each person won.

Fez won 12 games.

Viv won seven games.

Complete the block chart.

[2 marks]

Number of games each person won

name

9.

Rosie draws a block chart to show how her friends travel to school.

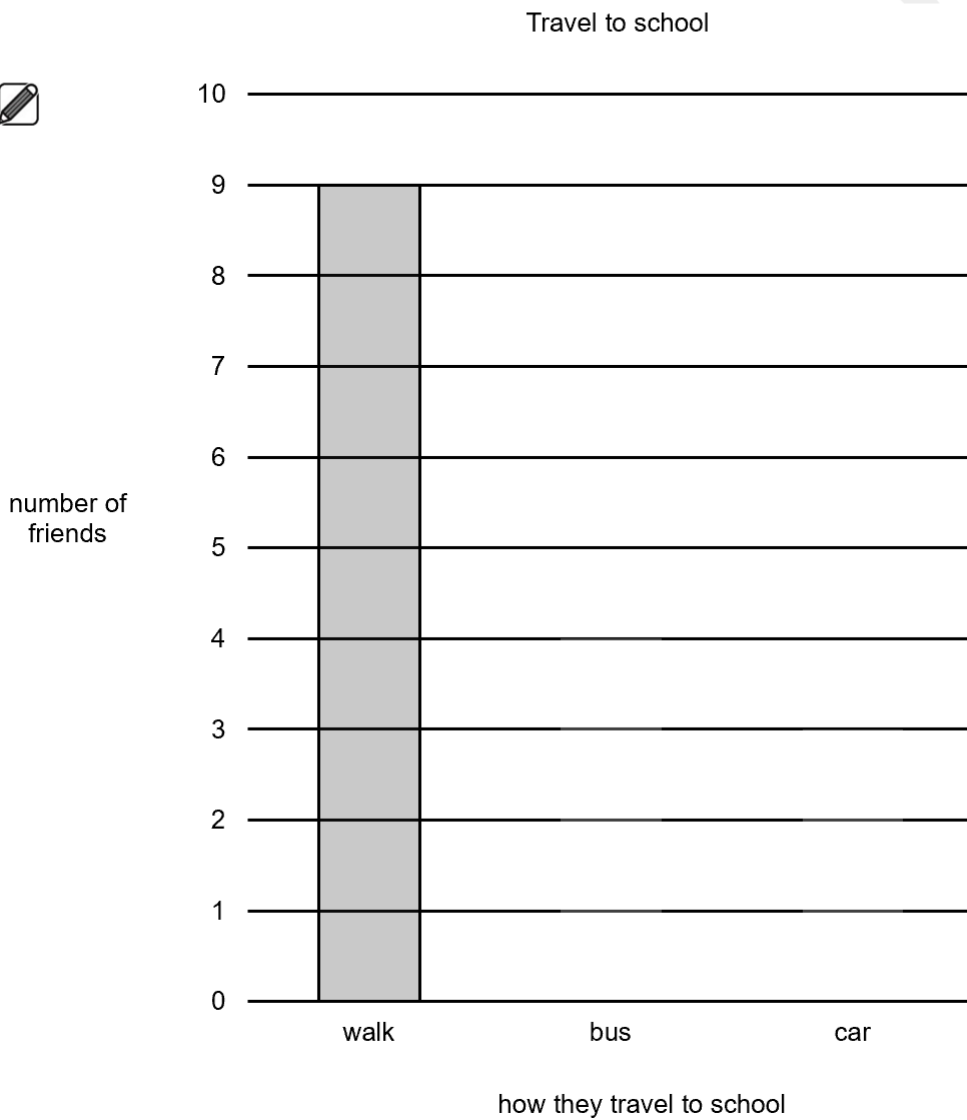Nine friends walk to school.

Four friends get the bus.

Three friends go by car.

Complete the block chart.

[2 marks]

Travel to school

number of friends

how they travel to school

10.

Dylan keeps a tally of the jobs he does.

He cleans seven stables.

He cleans four saddles.

Complete the tally chart.

[2 marks]

clean stable	
fill water bucket	⊬Ⅲ ⅠⅠⅠⅠ
feed horses	⊬Ⅲ Ⅰ
clean saddle	

City & Guilds

11.a)

A baker wants a tally chart to show the number of biscuits that were left at the end of the day.

The trainee starts to draw the tally chart.

Biscuit	Tally
Lemon	卌 ||
Cherry	|||
Nut	

These are the nut biscuits that were left.

Complete the tally chart.

2 marks

b)

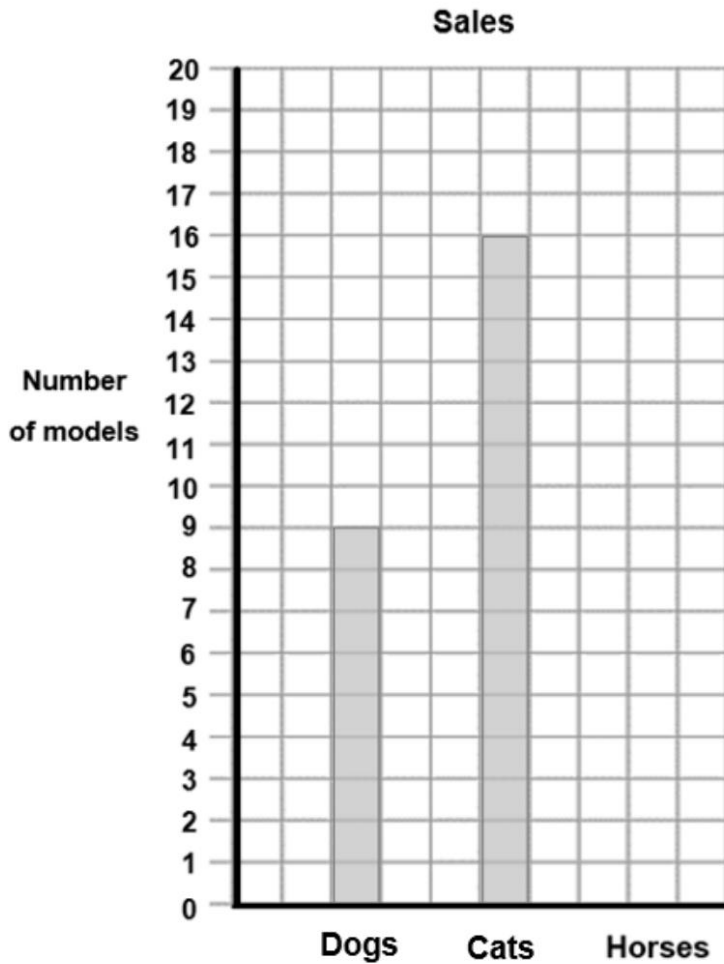How many **more nut biscuits** than **cherry biscuits** were left?

Show your working out.

.... **nut biscuits**

2 marks

11.a)

The manager wants a chart to show the number of model animals sold last week.

The shop sold 19 horses last week.

Sales

Draw in the bar for **horses**.

1 mark

b)

State one thing that the chart shows about the numbers of different models sold.

....

....

1 mark

12.a)

The manager needs to know the number of mugs, bowls and plates sold last week.

His assistant starts to draw a tally chart to show this information.

This is the number of plates sold.

Item	Tally
Large mugs	卌 ‖
Small mugs	卌 卌 ‖‖
Bowls	卌 卌
Plates	

Complete the tally chart to show the number of plates sold.

2 marks

b)

The manager wants to know how many more small mugs were sold than large mugs.

What does his assistant tell him?

Space for working.

…………………………………… **more small mugs were sold**

2 marks

c)

The manager also wants to know how many bowls were sold.

What does his assistant tell him?

…………………………………….**bowls were sold**

1 mark

13.a)

A party planner gets this booking for a dinner party for 16 people.

Mains   **Dessert**
5 Meat   7 Apple pie
9 Fish   4 Ice-cream
2 Vegetarian   5 Fruit salad

He starts to make a tally chart to check the orders for the **Mains**.

Meat	‖‖‖
Fish	
Vegetarian	

Complete the tally chart.

3 marks

b)

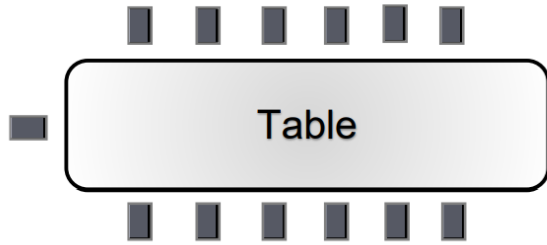A chef needs to order the meat and fish three days **before** the dinner party on Saturday.

On what day should he order the meat and fish?

....

1 mark

14.

The dinner party is for 16 people.
The party planner starts to draw a seating plan.

 = 1 chair

How many more chairs are needed?

....

2 marks

15.

There are four bus stops at the bus station.

Which bus stop does bus number **nine** go from?
Tick one

A   Bus stop A   ☐
B   Bus stop B   ☐
C   Bus stop C   ☐
D   Bus stop D   ☐

1 mark

16.

A supervisor counts the number of people waiting at each bus stop.

This chart shows the number of people at each bus stop.

Bus stop A	👤👤👤👤👤	👤👤👤👤👤	👤👤
Bus stop B	👤👤👤👤👤	👤👤👤👤	
Bus stop C	👤👤👤👤👤	👤👤👤👤👤	
Bus stop D	👤👤👤👤👤	👤👤👤	
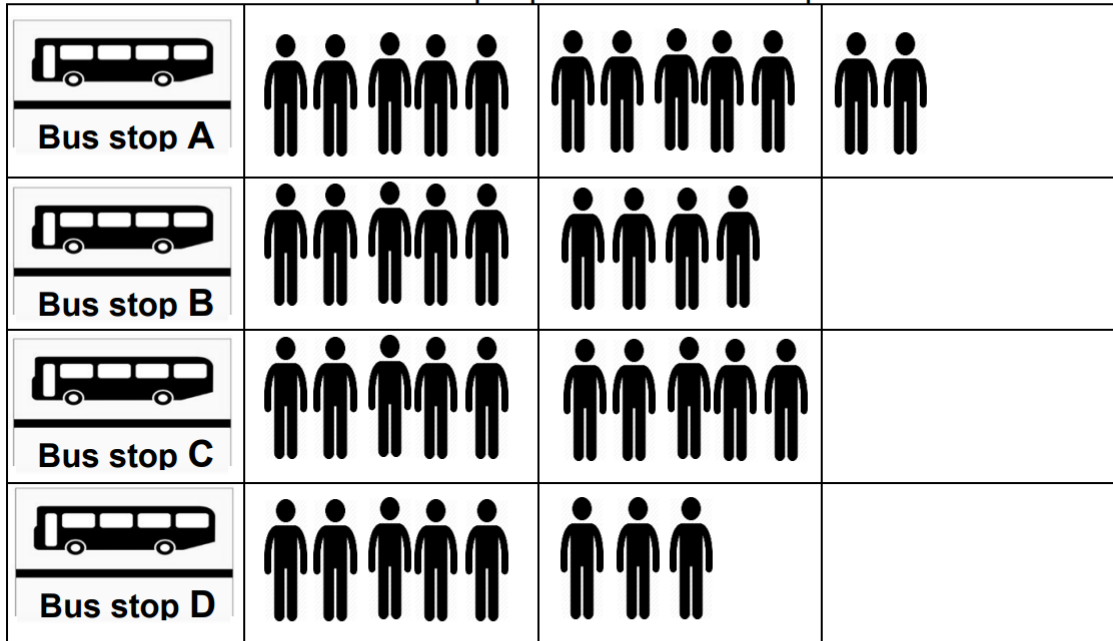
How many more people did the supervisor count at **bus stop A** than at **bus stop D**?

.... **1 mark**

17.

This list is in the lift.

offices	are on Level 5
flight arrivals	are on Level 4
check in	is on Level 3
car park	is on Level 2
shops	are on Level 1
toilets	are on Level 0

What level is the car park on?

.... **1 mark**

Open Awards

18.

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)

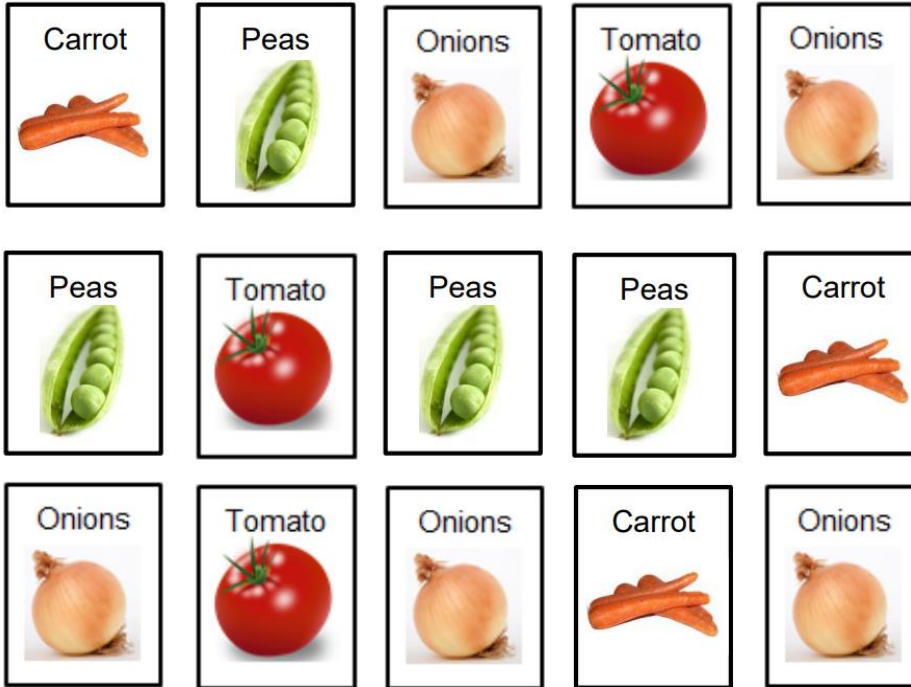b) Show the number of each item on the **block diagram** below.   (1 mark)

	Tin Cans	Plastic Bottles	Newspapers
10			
9			
8			
7			
6			
5			
4			
3			
2			
1			

19.

(1 mark)

Jo has these packets of seeds.

Carrot	Peas	Onions	Tomato	Onions
Peas	Tomato	Peas	Peas	Carrot
Onions	Tomato	Onions	Carrot	Onions

Record the number of seed packets in the tally chart below.

The first one has been done for you.

Seed Type	Tally
Carrots	III
Peas	
Tomatoes	
Onions	