

**Non-calculator Questions**

NCFE

1.

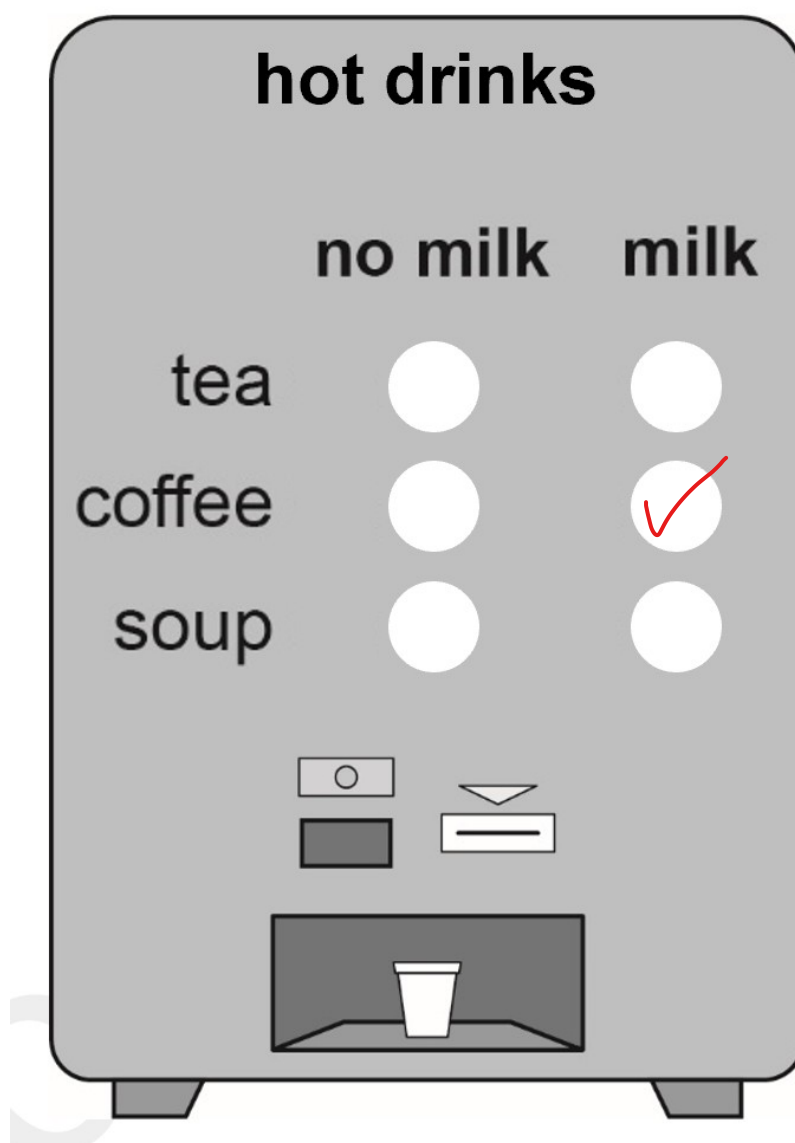
Daisy buys a drink from a machine.

She chooses coffee with milk.

Daisy presses one button on the machine.

**Tick (✓)** the button she must press.

**[1 mark]**



2.

Jon thinks about the birds he might see.

This table shows the most common birds at the nature reserve in 2018 and 2019

Bird	2018	<u>2019</u>
sparrow	1st	3rd
starling	2nd	1st
blue tit	3rd	2nd
<u>blackbird</u>	4th	<u>5th</u>
robin	5th	4th

Which bird came 5th in 2019?

[1 mark]

blackbird

3.

Kay has these bills.

gas	£187
electricity	£86
<u>water</u>	<u>£59</u>
phone	£119
rent	£155

How much is the water bill?

[1 mark]

£59

**Calculator Questions**

Edexcel

1.

Lucy has information about cupboards for sale.

Colour	Number of drawers	Price (£)
white	3	98
grey	2	132
white	3	109
grey	4	112
brown	3	92
white	5	120
grey	3	105

Lucy looks for a grey cupboard with more than 3 drawers.

**How much will she spend?**

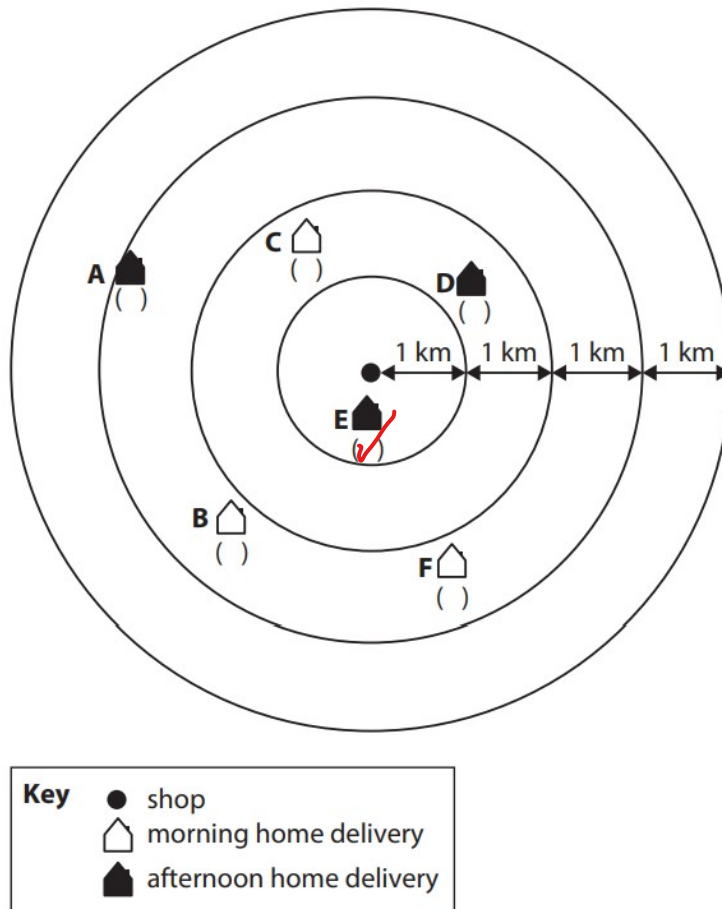
(1)

Show your answer here.

£ 112

2.

Lucy looks at a diagram about home deliveries.



The first morning home delivery is nearest to the shop.

**Which morning home delivery is first?**

(1)

Tick (✓) to show the answer on the diagram.

NCFE

3.

Daisy is sorting out deliveries.

Name	Time	Cost
Mr Green	morning	£35
Mr Brown	afternoon	£48
Mrs Smith	afternoon	£9
Miss Evans	morning	£14
Mr Ali	morning	£13
Dr White	morning	£32
Mrs Patel	afternoon	£16
Mrs Clarke	afternoon	£18

Write down the names of the people who have a morning delivery that costs more than £30

**[2 marks]**

Mr Green and  
Dr White

4.

Jay counts the numbers of vegetables he picks each week.

He puts the results in a table.

Week	Number of potatoes	Number of carrots
1	20	40
2	70	80
<u>3</u>	50	<u>70</u>
4	30	50
5	20	30

In which week did Jay pick 70 carrots?

[1 mark]

Week 3

5.

The nature reserve has a shop.

Opening and closing times	
Monday	11.00 – 5.00
Tuesday to Thursday	11.00 – 4.00
Friday	closed
<u>Saturday and Sunday</u>	10.00 – <u>6.00</u>

It is Saturday.

What time will the shop close?

[1 mark]

6 o'clock



6.

Lee checks the weather forecast.

Day	<u>Morning</u>	Afternoon
Monday	24 °C	25 °C
Tuesday	26 °C	27 °C
Wednesday	23 °C	28 °C
<u>Thursday</u>	<u>21 °C</u>	22 °C
Friday	25 °C	29 °C

He wants to plant some flowers on Thursday morning.

What will the temperature be when Lee plants the flowers?

[1 mark]

21 °C

City &amp; Guilds

7.

A man takes his dog to the vet.  
The vet says the dog needs worming tablets.

The vet weighs the dog.



He checks this table for the number of tablets needed.

Weight of dog	Number of worming tablets
less than 5kg	$\frac{1}{2}$
<u>5kg to 10kg</u>	<u>1</u>
over 10kg	2

How many worming tablets does the dog need?

.....worming tablets

2 marks

8.

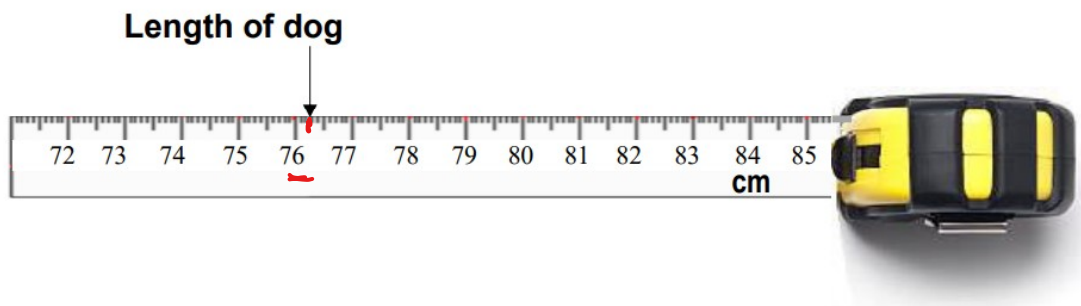
A woman wants to buy a drying bag like this one to dry her dog after wet and muddy walks.



She finds this information on a website.

Size of drying bag	Length of dog
Small	up to 62cm
<u>Medium</u>	<u>62cm – 82cm</u>
Large	over 82cm

She measures the dog.



What size drying bag should the woman order?

**Give a reason for your answer.**

**Use numbers to explain your answer.**

Size of drying bag ..... Medium .....

Reason..... 76 is between 62 and 82. .....

**3 marks**

9.

A customer wants to buy a large bag of compost.  
She asks an assistant how much the **largest** bag costs.

The assistant looks at this table.

Bags of compost		
Bag	Size	Price
A	35 litres	£6
B	50 litres	£8
C	125 litres	£10
D	120 litres	£11
E	25 litres	£7

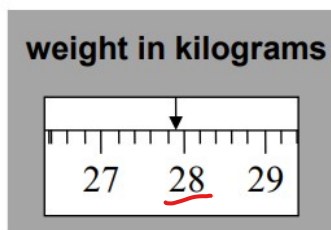
The assistant makes a note for the customer.  
Complete the note.

Compost	
Size <u>125</u> litres	Price £ <u>10</u>

2 marks

10.a)

A passenger checks the weight of her suitcase.



What is the weight of the passenger's suitcase to the nearest kilogram?

28 kg

1 mark

b)

This table shows how much it costs to take a suitcase on a plane.

Weight of suitcase	Cost
less than 10 kg	£10
10 kg to 20 kg	£20
over 20 kg to 30 kg	£30
<u>over 30 kg</u>	<u>£40</u>

How much will it cost to take the suitcase on the plane?

**Give a reason for your answer. Use numbers to help you.**

Cost £ 30

Reason 28 is between 20 and 30.

**2 marks**

12.a)

A customer wants to know the cost to fly to Glasgow.  
She finds these ticket prices on an airline's website.

<b>Ticket prices</b>	
8am flight	£76
2pm flight	£85
10pm flight	£79
<b>Extras</b>	
Choose seat, Board first, One extra bag All £15 each	

The customer wants the **cheapest** priced ticket.  
She wants to choose her seat, board first and take an extra bag.

How much will the customer pay?

Show your working out.

$$\begin{array}{r} 15 \\ + 15 \\ 15 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 76 \\ + 45 \\ \hline 121 \end{array}$$

Amount to pay £ 121

2 marks

b)

The woman thinks it is cheaper to travel by train. She finds these prices

<b>Train prices to:</b>	
Dundee	£188
Edinburgh	£182
Glasgow	£158

Is the woman correct?

**Give a reason for your answer. Use numbers to help you explain.**

Yes/No No

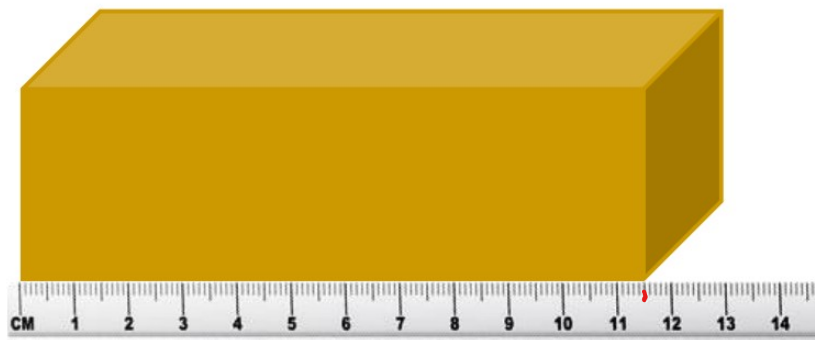
Reason £121 is cheaper than  
£158.

**1 mark**

13.a)

**(2 marks)**

Kali has a parcel to send.



How long is the parcel in mm?

**(1 mark)**

115

Entry 2 Extracting Information Exam Questions

b)

Length	Type of Parcel
110mm or less	Small Parcel
<u>Between 111mm and 250mm</u>	<u>Medium Parcel</u>
Between 251mm and 500mm	Large Parcel
501mm or more	Extra Large Parcel

Use this table to decide what type of parcel Kali is sending.

(1 mark)

Write the answer in the box below.

Medium Parcel

c)

(1 mark)

Kevin has another parcel to send.

It is a Large Parcel. He wants it to arrive the next day.

Type of Parcel	Next Day Delivery	3 Day Delivery	One Week Delivery
Small Parcel	£3.80	£2.40	£1.90
Medium Parcel	£5.80	£4.60	£3.20
<u>Large Parcel</u>	<u>£7.80</u>	£6.60	£5.20
Extra Large Parcel	£11.80	£9.60	£7.20

How much will it cost to send the parcel?

£7.80