ENTRY LEVEL 2
FUNCTIONAL SKILLS
MATHS – PART A

QUESTION PAPER

SAMPLE ASSESSMENT MATERIAL

Learner name:	*Auto-filled by XAMS*
Learner number:	*Auto-filled by XAMS*
Your Signature:	
Today's date:	*Auto-filled by XAMS*

Total marks available: **7** marks

Time limit: **25 minutes**

You need:

This **question** and **answer paper** ✓

A **pen** with black or blue ink ✓

A **pencil** and an **eraser** ✓

You cannot use:

The **Internet**

A **calculator**

Instructions

1. Check your name is correct on Page 1
    Write your **signature** if it is

2. **Read** each text and question carefully

3. **Write** your answers in the spaces provided

    Answer: [   ]

4. Answer **all** the questions
    Remember to show your **workings**

5. **Check** your work at the end

6. Ask your teacher for more **paper** if you
    need it.
    Write your name on any extra pieces of
    paper.

7   Your teacher will **collect** your paper at the
    end of the assessment

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Question 1 (1 mark)

Put the following numbers in order.

176   63   113   140   128

Question 2 (2 marks)

Divide 86 by 3 and show the **remainder**.

Show your workings.

Question 3 **(2 marks)**

Ashley is feeling unwell.

Ashley's temperature yesterday was 37 degrees.

The thermometer shows Ashley's temperature today.

How many **degrees higher** is Ashley's temperature today than it was yesterday?

Show your workings.

Question 4 (2 Marks)

Monica needs 83 plants to fill a flower bed at the park.

She only has 56 plants.

How many **more** plants does Monica need?

End of Part A

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ENTRY LEVEL 2
FUNCTIONAL SKILLS
MATHS – PART B

QUESTION PAPER

SAMPLE ASSESSMENT MATERIAL

Learner name:	*Auto-filled by XAMS*
Learner number:	*Auto-filled by XAMS*
Your Signature:	
Today's date:	*Auto-filled by XAMS*

Total marks available: **21** marks

Time limit: **1 hour**

You need:

This **question** and **answer paper** ✓

A **pen** with black or blue ink ✓

A **pencil** and an **eraser** ✓

A **calculator** (non-scientific) ✓

You cannot use:

The **Internet**

Instructions

1. Check your name is correct on the front page.
    Write your **signature** if it is.

2. **Read** each text and question carefully

3. **Write** your answers in the spaces provided

    Answer: [   ]

4. Answer **all** the questions.
    Remember to show your **workings.**

5. **Check** your work at the end

6. Ask your teacher for more **paper** if you need it.
    Write your name on any extra pieces of paper.

7   Your teacher will **collect** your paper at the end of the assessment

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Question 5 (1 mark)

The houses on this side of the road all have **odd numbers**.
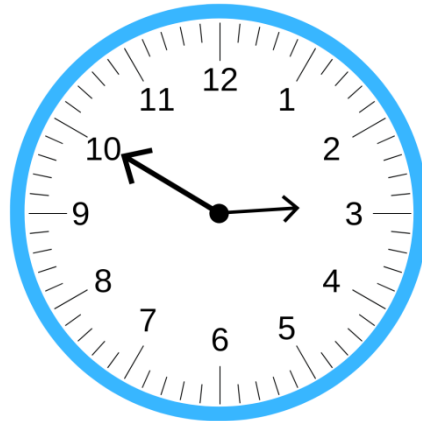
Fill in the other house numbers.
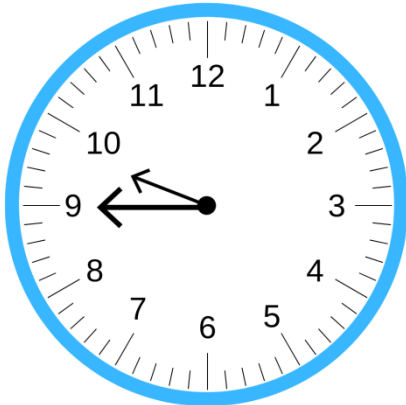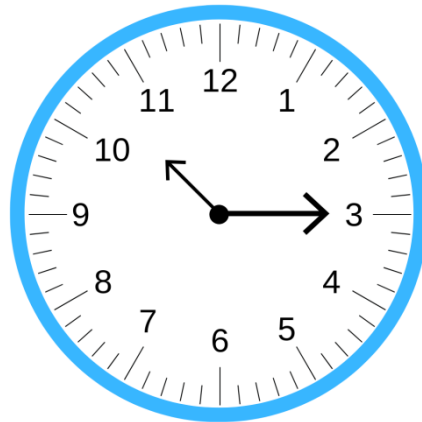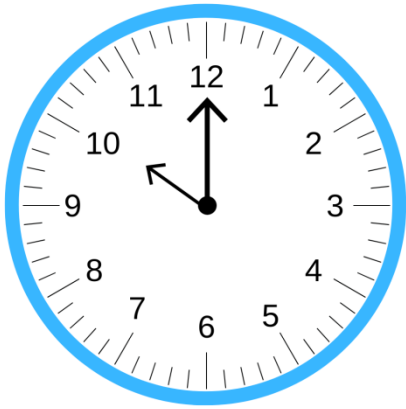
| 21 | 23 | | | | |

Question 6 (1 mark)

Jo is going to college by bus. The next bus leaves at a quarter past ten.

Tick the clock that shows the **time** the bus leaves.

Question 7 (2 marks)

Jo and four friends go to college.

The cost of a return train ticket is £11 **each**.

How much do they pay in **total**?

Show your workings.

Question 8 (1 mark)

Michael and three friends buy a pizza to share. They cut it into equal slices.

What fraction of the pizza does each person get?

Question 9 **(2 marks)**

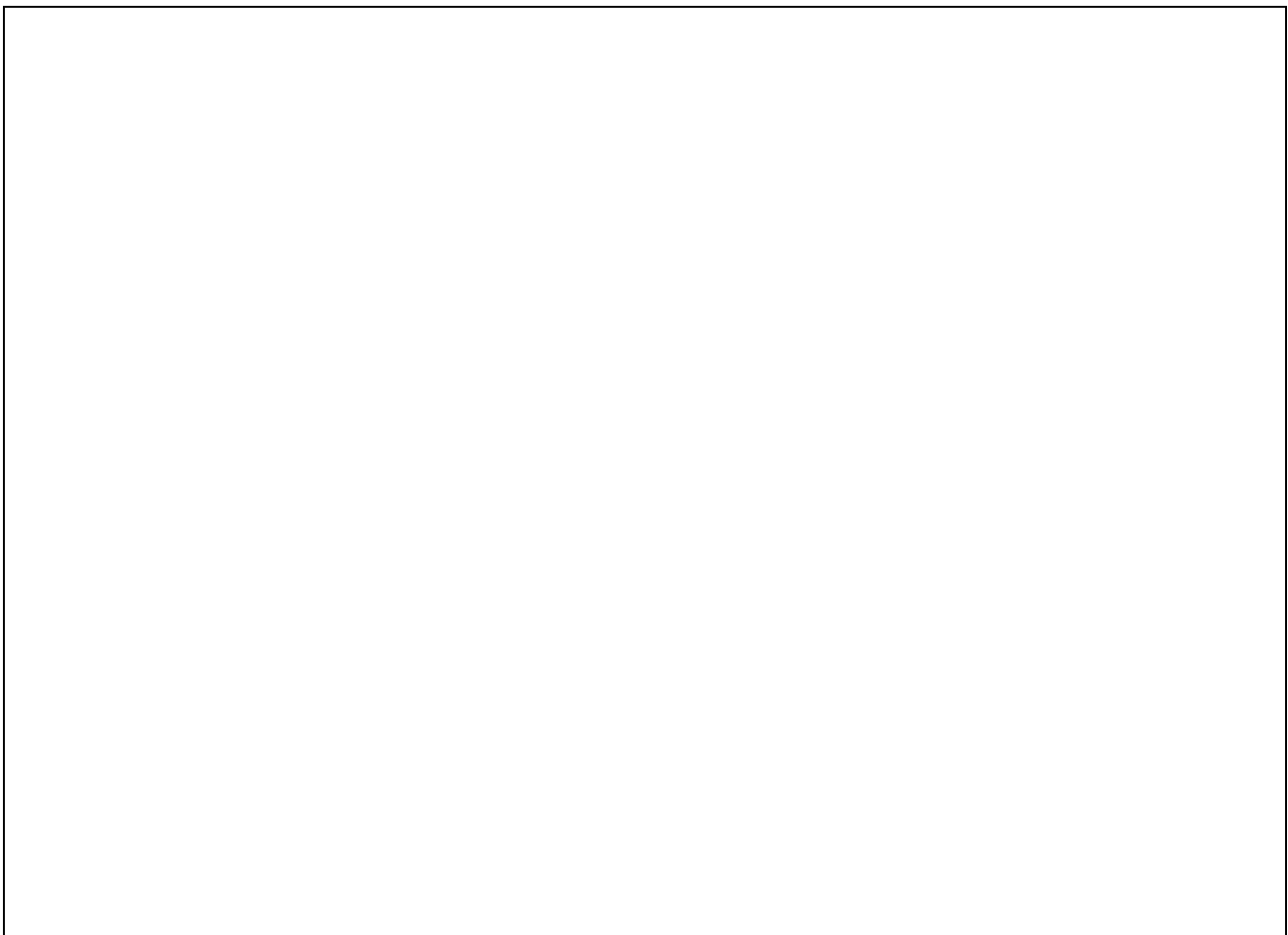Rebecca wants to know how long her journey to work takes.

It takes 12 minutes to walk from home to the bus stop.

The bus journey takes 49 minutes.

Her work is an 18 minute walk from where the bus drops her off.

How long is the total journey time?

Show your workings.

Question 10 (1 mark)

How many hours are there in one day?

Question 11

Alicia is selling bars of soap. She keeps a record of how many of each type are sold.

		Totals
Lemon	‖‖ ‖‖ ‖	
Strawberry	‖‖ ‖‖ ‖‖ ‖‖ ‖‖ ‖	
Vanilla	‖‖ ‖‖ ‖‖ ‖‖‖	
Orange	‖‖ ‖‖ ‖‖ ‖‖ ‖‖ ‖‖ ‖‖‖‖	

a) Complete the totals column in the tally chart. **(1 mark)**

b) Create a bar chart to show the number of bars of soap sold. **(2 marks)**
Use the graph paper on the next page.

c) Which type of soap sold the most bars? **(1 mark)**
Use the information from the bar chart.
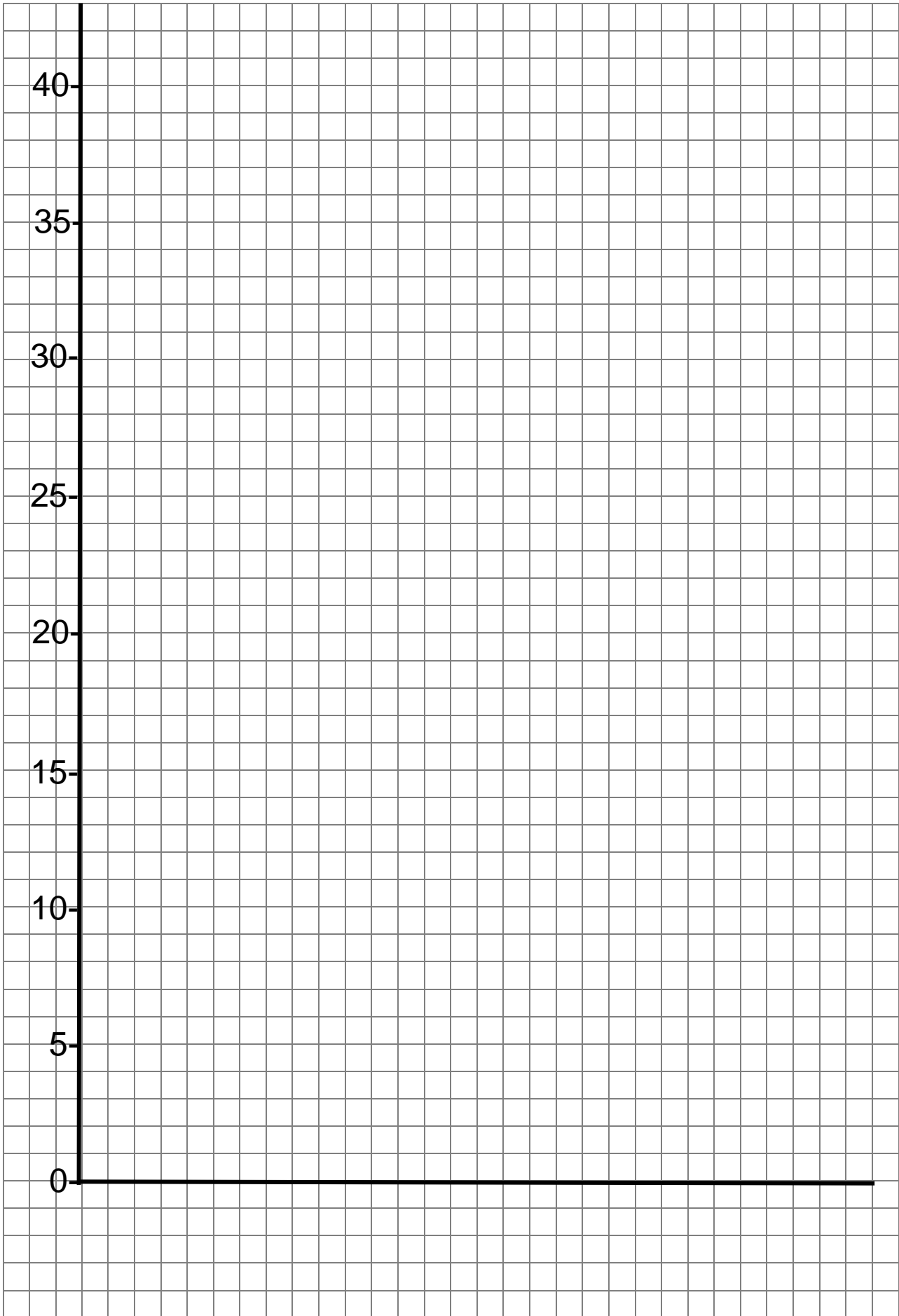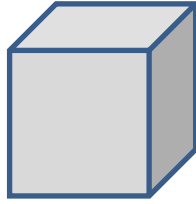
How many edges does a cube have?

Show your workings.
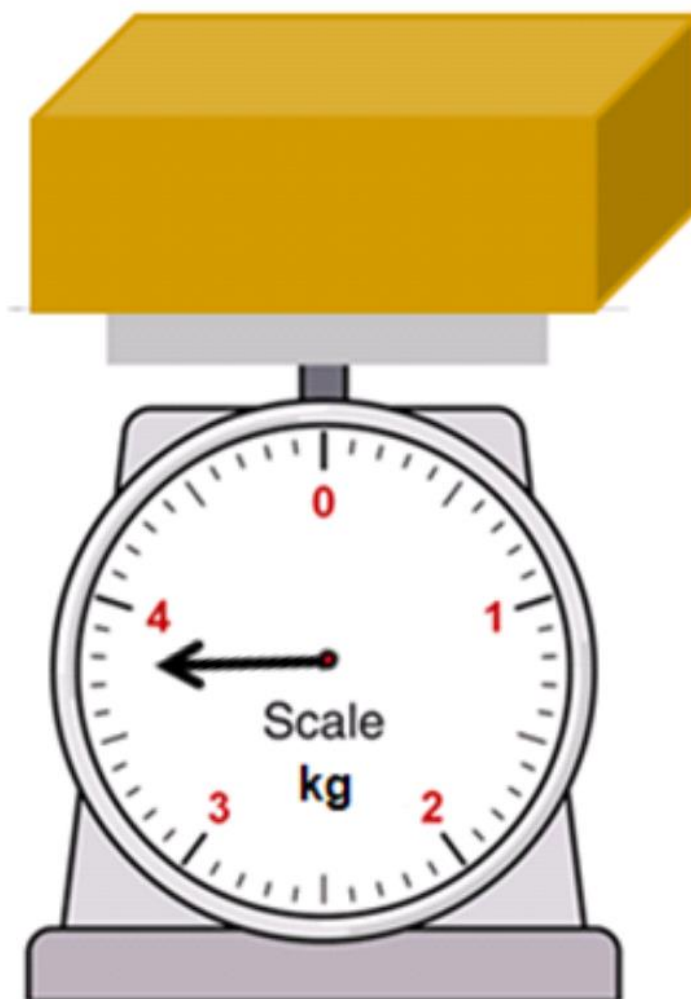
How much does the parcel weigh to the nearest kilogram?

Question 14 (2 marks)

Kali has a parcel to send.
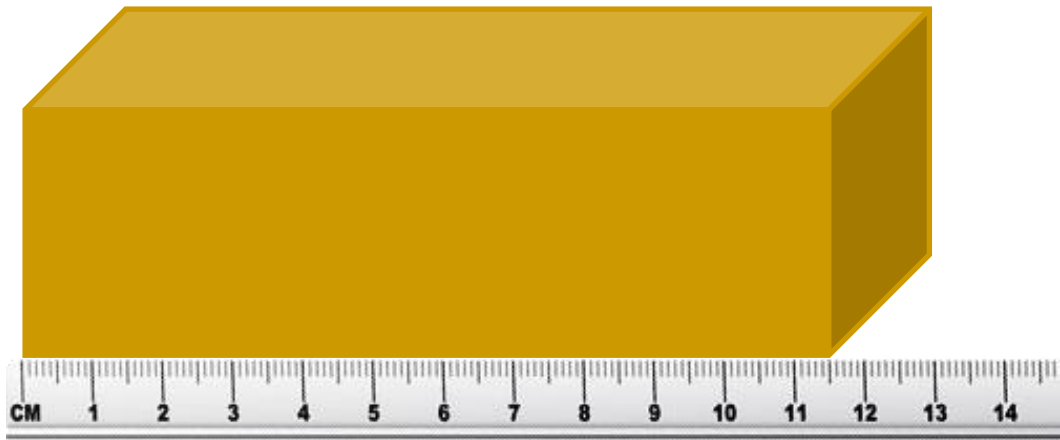
a) How long is the parcel in mm? (1 mark)

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

b) Use this table to decide what type of parcel Kali is sending. (1 mark)

Write the answer in the box below.

Question 15 (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
Large Parcel	£7.80	£6.60	£5.20
Extra Large Parcel	£11.80	£9.60	£7.20

How much will it cost to send the parcel?

Question 16 (1 mark)

Kevin will write the address **on the top** of the parcel.

Put a **cross** on the top of the parcel to show where the address will go.
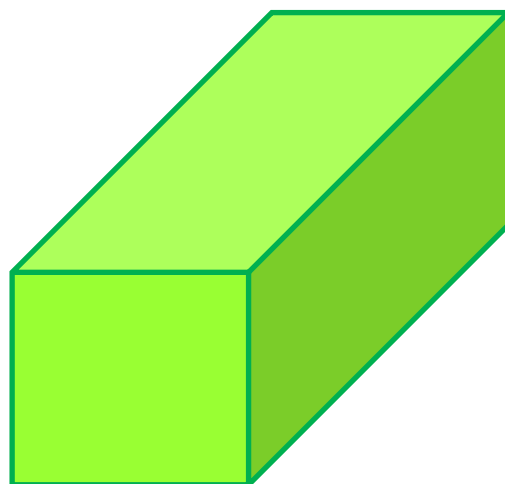
Question 17 (2 marks)

The parcel is being collected from Dursley and will be delivered to Yaston by road.

Drawing not to scale
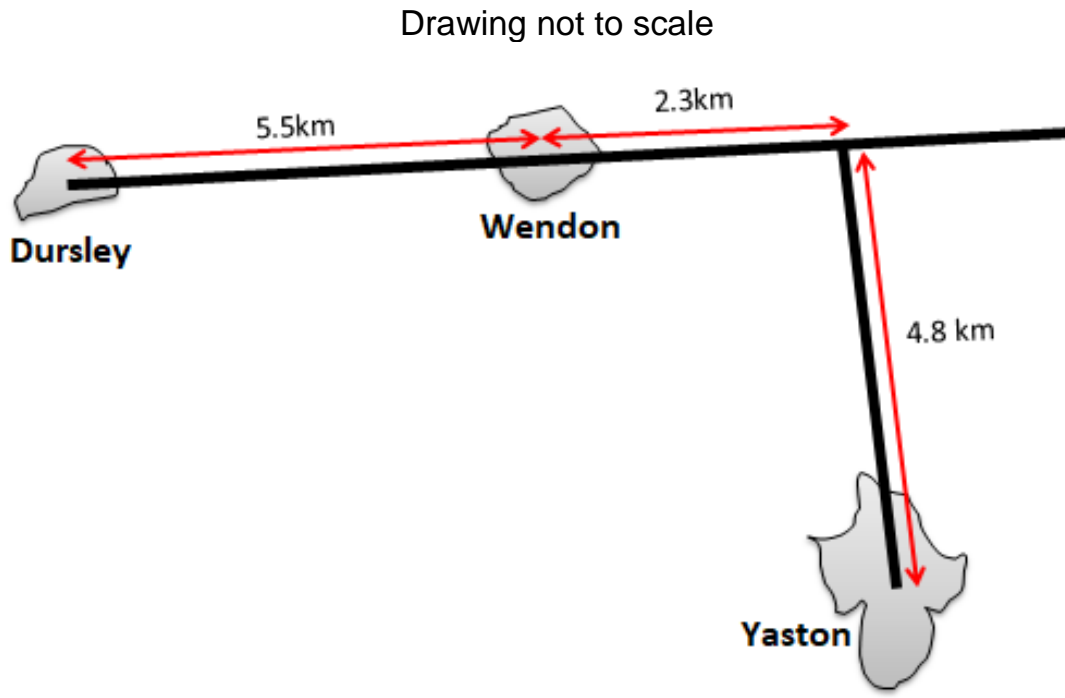
Use the map above.

How **far** is it from Dursley to Yaston by road?

Show your workings.

End of assessment

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For Marker's Use Only

	Please tick
I **confirm** that the work/evidence submitted is the learner's own work	☐
I **understand** that learner results may be invalidated if evidence is submitted that does not belong to them	☐

Questions	Marks available	Learner mark
Part A	7	
Part B	21	
Total	28	

Role	Name	Signature	Date
Marker			
IV (if sampled)			
EV (if sampled)			

Functional Skills Mark Scheme

Mathematics
Entry Level 2

openawards

General Marking Guidance

- Markers should apply the mark scheme consistently across all papers marked. Standardisation will take place to ensure this is confirmed.

- If a learner has crossed out a response to a question, the work should still be marked unless the learner has replaced it with an alternative answer.

- Markers should mark according to the mark scheme and should apply it positively awarding full marks where the answer meets the mark scheme.

- Where the answers do not meet the mark scheme, markers should be prepared to award zero marks.

- The mark scheme gives guidance as to how to allocate marks where an answer is graded according to learner performance. Where the response does not meet the requirements of the minimum mark, zero marks should be awarded.

- Where the mark scheme allows a mark for 'any (other) valid response', the marker should judge the response's merits based on the information provided in the assessment materials.

- Where the marker is unsure of how to apply the mark scheme, guidance from your Lead Quality Reviewer must be sought.

- Where the mark scheme has responses in brackets – (£)5.00, the learner will gain the mark whether or not the information within the brackets is present or not as long as the answer is correct.

- Some answers allow follow through marks where the learner has given an incorrect answer in a previous part of the task. If this is the case, the marker must check that the learner's answers are correct and should apply the format of the mark scheme to the learner's response.

- Assessment papers and mark schemes must be kept secure at all times.

- Should any issues or irregular practice arise that may put at risk the security of assessment papers or mark schemes – these will be reported to Open Awards immediately.

Pass Mark: 19

Conducting the Assessment and Support for Learner

- Learners can take the assessment when they, and the tutor, feel they are ready.
- At this level tutors may read the questions to the learners. The tutor may explain words and phrases if the learners do not understand them.
- Calculators are not permitted for Section A.
- Non-scientific calculators are allowed only for Section B.
- The assessment should take place under supervised conditions and conducted on a one to one basis or within a group.
- The assessment may be split up into shorter tasks to meet the needs of the learners, but the total time taken should not exceed one hour and twenty five minutes. This should be requested following the guidance in Open Awards Reasonable Adjustments and Special Considerations Policy.
- Realia such as coins and notes may be used if required for the relevant questions.

Marking of the Assessment

Centres must mark in accordance with the Open Awards mark scheme below.

Part A – 7 Marks

Question Number	Question	Evidence Required (marks)	Maximum Mark	PS or US	Subject Content
1	Put the following numbers in order. 176 63 113 140 128	Correct numerical order: 63, 113, 128, 140, 176 OR 176, 140, 128, 113, 63	1	US	2b
2	**Divide** 86 by 3 and show the **remainder**. Show your workings.	A correct method used (1 mark) Correct answer given with a remainder **28 r 2** (1 mark)	2	US	8
3	How many **degrees higher** is Ashley's temperature today than it was yesterday?	Correct temperature read from the thermometer 40 (1 mark) Correct answer given 3 (degrees) (1 mark)	2	PS	17a
4	Monica needs 83 plants to fill a flower bed at the park. She only has 56 plants. How many **more** plants does Monica need?	A correct method used to calculate e.g. 83 - 56 (1 mark) Correct answer 27 (1 mark) Allow 2 marks if 27 seen	2	PS	5b

Part B – 21 Marks

Question Number	Question	Evidence Required (marks)	Maximum Mark	PS or US	Subject Content
5	The houses on this side of the road all have **odd numbers**. **Fill in** the other house numbers.	All 4 correct odd numbers entered in sequence i.e. 25, 27, 29, 31	1	US	3
6	Jo is going to college by bus. The next bus leaves at a quarter past ten. Tick the clock that shows the **time** the bus leaves.	Correct clock indicated 10:15	1	PS	13b
7	Jo and four friends go to college. The cost of a return train ticket is £11 **each**. How much do they pay in **total**?	Correct method used to work out total cost e.g. 5 x 11 or 11 + 11 + 11 + 11 + 11 (1 mark) Correct answer given £55 must include the £ sign. (2 marks) 55 seen without calculation or £ sign (1 mark only)	2	PS	6 12
8	Michael and three friends buy a pizza to share. They cut it into equal slices. What fraction of the pizza does each person get?	¼ One quarter A quarter	1	PS	10

9	Rebecca wants to know how long her journey to work takes. It takes 12 minutes to walk from home to the bus stop. The bus journey takes 49 minutes. Her work is an 18 minute walk from where the bus drops her off. How long is the total journey time?	A correct method used to work out 12 + 49 + 18 = (1 mark) Correct answer given 79 (minutes) accept 1 (hour) and 19 (minutes) (1 mark)	2	PS	5a
10	How many hours are there in one day?	24 (1 mark)	1	US	7
11a	Alicia is selling bars of soap. She keeps a record of how many of each type are sold. Complete the totals column in the tally chart.	Tally added up with correct totals i.e. 12, 26, 18, 34 (1 mark)	1	PS	25
11b	Create a bar chart to show the number of bars of soap sold. Use the graph paper on the next page.	All bars drawn correctly i.e. 12, 26, 18. 34 and the category labels added i.e. Lemon, Strawberry, Vanilla, Orange (2 marks) Incorrect spellings not penalised. (allow follow through from reading of tally)	2		
11c	Which type of soap sold the most bars? Use the information on the bar chart.	Orange Allow FT from any incorrect total on the bar chart, but **do not** allow FT from any incorrect total on the tally chart.	1	PS	22

12	**How many** edges does a cube have? Show your workings.	Allow 1 mark for 9 (counting the edges they can see) Allow 2 marks for 12	2	PS	20b ~~6~~
13	How much does the parcel weigh to the nearest kilogram?	4 kg (1 mark) Must state units (kg)	1	US	18
14a	Kali has a parcel to send. How long is the parcel in mm?	Read length of parcel correctly. i.e.115mm Allow mark if 114 or 116 mm seen Unit of Measure is required	1	US	14a
14b	Use this table to decide what type of parcel Kali is sending. Write it in the box below.	Selected Medium Parcel Allow follow through from incorrect measurement	1	PS	22
15	Kevin has another parcel to send. It is a **Large Parcel**. He wants it to arrive the **next day**. How much will it cost to send the parcel?	Correct price selected for a Large next day delivery i.e. (£)7.80	1	PS	24
16	Kevin will write the address **on the top** of the parcel. Put a **cross** on the top of the parcel to show where the address will go.	An 'X' (or other cross) written on the top of the parcel	1	PS	21
17	How **far** is it from Dursley to Yaston by road? Show your workings.	A correct method used to add up the distances i.e. 5.5 + 2.3 + 4.8 = (1 mark) Correct answer i.e. 12.6 (km) (1 mark) Allow 2 marks for correct answer seen.	2	PS	11