

Level 1

Level 1

- **Learners taking this examination must also complete papercode FSQC110P.**
- **Only remove the examination paper from the sealed envelope when instructed to do so.**
- **Under no circumstances should you use an unsealed examination paper.**
- Complete **ALL** questions.
- Use **BLACK** or **BLUE** ink.
- You are **NOT** allowed any assistance to complete the answers. You are **NOT** allowed to use a **CALCULATOR**.
- Marks are awarded for **SHOWING** your **WORKING OUT**.
- Use a **PENCIL, ERASER, RULER** and **PROTRACTOR** (as necessary) when drawing diagrams and charts.
- **SIGN** the declaration before leaving.

Complete the following

First Name (in full)													Middle initial	
Last Name														
Date of Birth (8 digits)														
D	D	M	M	Y	Y	Y	Y							
Highfield Learner ID														
Approved Centre Number (5 digits)					Nominated Tutor Number (5 digits)									
Examination Date (8 digits)										Is this a resit examination?				
D	D	M	M	Y	Y	Y	Y					YES	NO	
Examination Start Time (24 hour clock)				Examination Finish Time (24 hour clock)										
H	H	M	M					H	H	M	M			

I confirm:

- I removed the examination paper from the sealed envelope.
- I received no help in answering the questions in this examination paper.
- I am the person stated above on this form.
- I will not discuss the content of the examination with anyone else.

Learner signature: _____

15 February 2021

FSQN110P

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Non-calculator Test

1

Write these fractions in order from smallest to largest.

$$\frac{1}{2} \quad \frac{7}{8} \quad \frac{3}{4} \quad \frac{2}{8}$$

Write the answer in the box below.

(1 mark)

Answer: _____

2

Work out the value of 15^2

Write the answer in the box below.

(1 mark)

Answer: _____

3

Calculate the value of:

$$8 + 8 \times 8 - 8$$

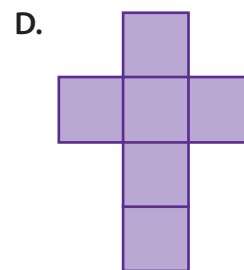
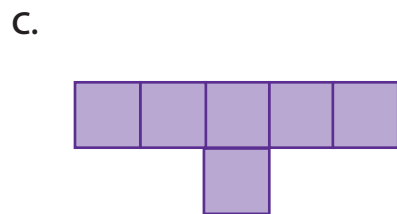
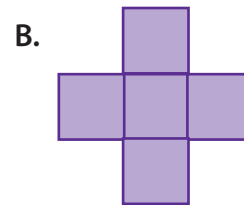
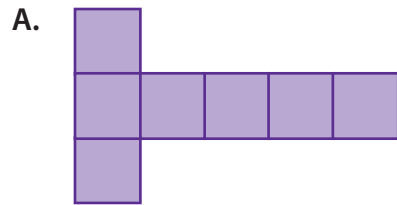
Write the answer in the box below.

(1 mark)

Answer: _____

4

Which of these nets can be folded to form a cube?



Write the answer in the box below.

(1 mark)

Answer: _____

Scenario A

Surfing

5

You want to buy a new surfboard.

You have found a surfboard that is on special offer.



How much will the surfboard cost after the discount?

Show your working out and write the answer in the box below.

(3 marks)

Answer: £ _____

6

You are preparing to enter a local surfing competition. You know that it will take you:

- 45 minutes to drive to the competition
- 11 minutes to put on your wetsuit
- 25 minutes to register for the competition

The competition starts at 1pm.

You start the above activities at 11:30am.

Will you be ready in time for the competition to start at 1pm?

Show your working out and write the answer in the box below.

(2 marks)

Answer: _____

Scenario B

Nature reserve

7

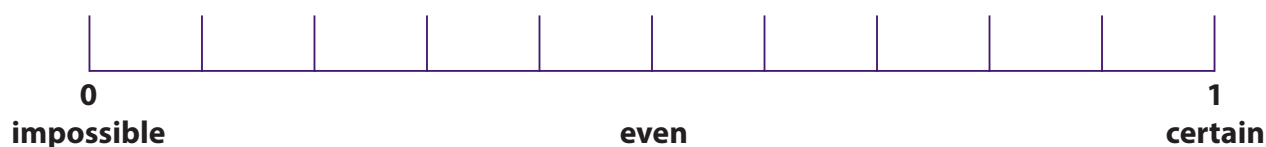
You volunteer at the Highfield Nature Reserve.

There are a total of 10 volunteers at the reserve.

Every day a name is drawn at random to see who will refill the birdfeeders.

On the scale below, mark an 'X' to indicate the probability that you will be drawn to refill the birdfeeders on a single day.

(1 mark)



8

Last year the reserve received £3,700 in donations.

This year has seen a 15% increase in the amount donated.

How much has been donated this year?

Show your working out and write the answer in the box below.

(2 marks)

Answer: £ _____

9

You are preparing a presentation on the different types of birds in the reserve.

You display the figures in a chart.

Chart to show number of birds in the reserve

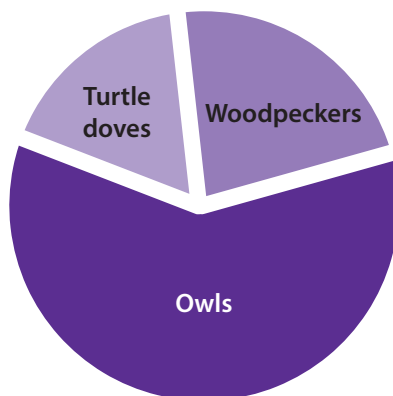


Diagram not to scale

- $\frac{1}{5}$ of birds are woodpeckers
- 70% of the birds are owls
- The remainder of the birds are turtle doves

Calculate the angles to complete the table below.

(3 marks)

Type of bird	Angle in pie chart (°)
Woodpeckers	
Owls	
Turtle doves	

Workings

END OF ASSESSMENT

For official use only:

	1	2	3	4	5	6	7	8	9	TOTAL
Mark(s) available	1	1	1	1	3	2	1	2	3	15
Marker										
2nd line marker										

Marker:	
Date:	

2nd line marker:	
Date:	



Level 1

Mathematics

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