

# Level 1

# Level 1

- **Learners taking this examination must also complete papercode FSQC109P.**
- **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

<b>First Name</b> (in full)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<b>Middle initial</b>	<input type="text"/>
<b>Last Name</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Date of Birth</b> (8 digits)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>							
	D	D	M	M	Y	Y	Y	Y											
<b>Highfield Learner ID</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>								
<b>Approved Centre Number</b> (5 digits)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<b>Nominated Tutor Number</b> (5 digits)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>								
<b>Examination Date</b> (8 digits)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<b>Is this a resit examination?</b>	<b>YES</b>	<input type="text"/>	<b>NO</b>	<input type="text"/>						
	D	D	M	M	Y	Y	Y	Y											
<b>Examination Start Time</b> (24 hour clock)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<b>Examination Finish Time</b> (24 hour clock)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>										
	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:** \_\_\_\_\_

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# Non-calculator Test

**1**

Write these fractions in order from smallest to largest.

$$\frac{3}{4}$$

$$\frac{3}{8}$$

$$\frac{1}{8}$$

$$\frac{1}{4}$$

Write the answer in the box below.

(1 mark)

Answer: \_\_\_\_\_

**2**

Work out the value of  $25^2$ .

Write the answer in the box below.

(1 mark)

Answer: \_\_\_\_\_

**3**

Calculate the value of:

$$12 + 12 \times 12 - 12$$

(1 mark)

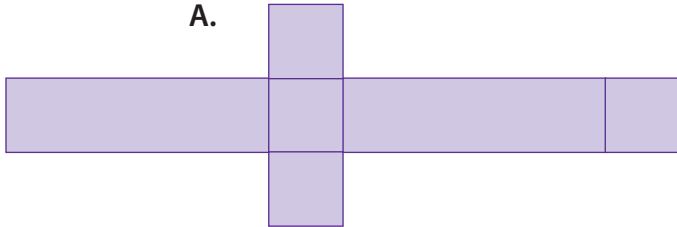
Write the answer in the box below.

Answer: \_\_\_\_\_

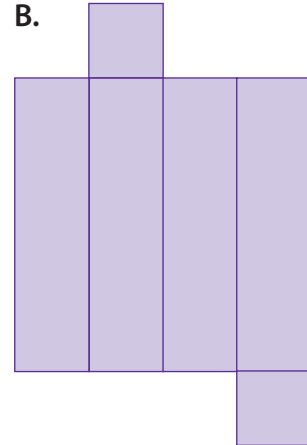
4

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

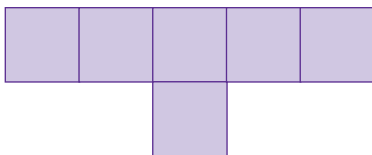
A.



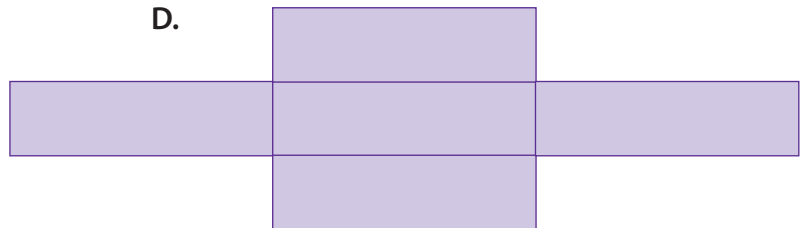
B.



C.



D.



Write the answer in the box below.

(1 mark)

Answer: \_\_\_\_\_

## Scenario A

Making bread

5

You want to start making bread.

You have found a machine that is on special offer.



How much will the bread maker cost after the discount?

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

(3 marks)

Answer: £

6

You use the following instructions to make bread:

- 20 minutes to make and prepare the mixture
- 50 minutes to bake
- 15 minutes to cool, then it is ready to eat

You want the bread to be ready to eat at 10:30 am.

You start making the bread at 9:15 am.

**Will the bread be ready to eat at 10:30 am?**

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

**(2 marks)**

Answer: \_\_\_\_\_

## Scenario B

Highfield Delivery Service

**7**

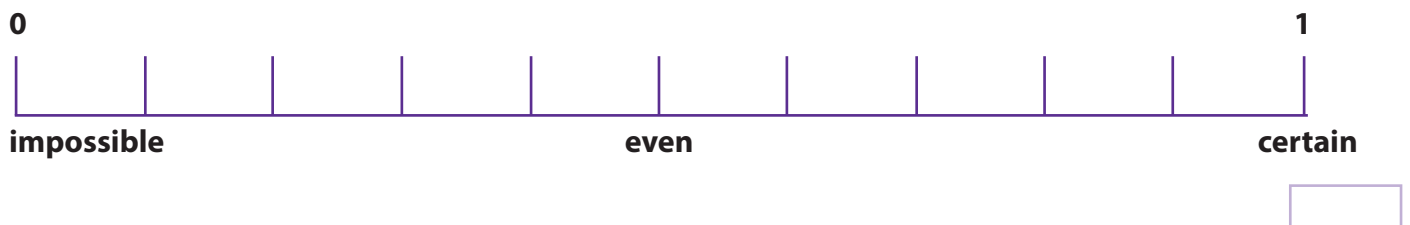
You are a driver for Highfield Delivery Service.

The company has 5 white vans, 3 green vans and 2 black vans.

Each morning you take a set of keys at random.

**On the scale below, put an 'X' to indicate the probability that the keys you take will be for a black van.**

(1 mark)



**8**

Your salary is £16,500.

Your boss gives you a 5% increase.

**How much will your new salary be with a 5% increase?**

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

(2 marks)

**Answer: £** \_\_\_\_\_

9

The company you work for records the number and type of packages it delivers.

Each month the figures are displayed in a chart.

The angles on the chart represent the number of parcels delivered.

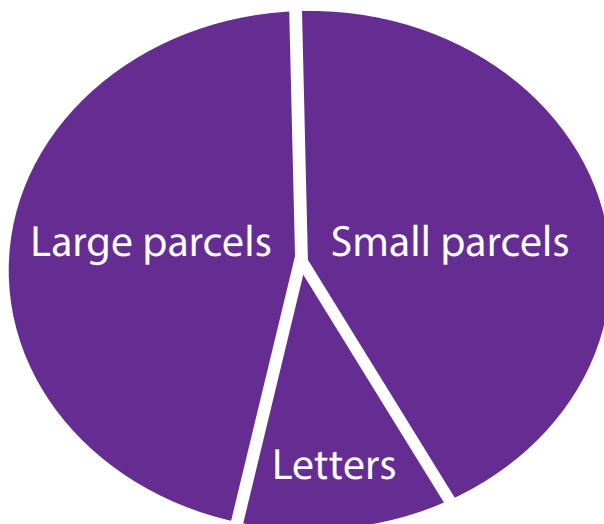


Diagram not to scale

- Small parcels make up  $\frac{2}{5}$  of the packages
- Letters make up 17% of the packages
- Large parcels make up the remainder of the packages

Complete the table below.

(3 marks)

Type of package	Angle in pie chart (°)
Small Parcels	
Letters	
Large Parcels	

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										
Moderator										

Marker:	
Date:	

Moderator:	
Date:	



# Level 1

## Mathematics

### Highfield Qualifications

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