

Highfield Functional Skills Qualification in Mathematics at Level 2

Information for centres and learners

- Learners taking this examination must also complete papercode FSQC210P.
- 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.

The duration of this examination is **40 MINUTES**. The examination consists of **7 QUESTIONS** and is worth **17 MARKS**.

Complete the following First Name Middle initial (in full) Last Name **Date of Birth** (8 digits) Highfield Learner ID **Approved Centre Nominated Tutor Number** Number (5 digits) (5 digits) **Examination** Is this a resit YES NO Date (8 digits) examination? **Examination Finish Examination Start** Time (24 hour clock) Time (24 hour clock) Learner declaration 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. Learner I will not discuss the content of the signature: examination with anyone else. We listen and respond

02 February 2021

FSQN210P



Non-calculator Tes

Highfield Qualifications



In a multipack of biscuits, there are 12 custard creams, 12 bourbons, 14 shortbread and 15 digestives.

What fraction of the biscuits are custard creams?

Write the answer in the box below.

(1 mark)

Answer: _____

2

Calculate

 $6^3 - 8 \div 2$

Write the answer in the box below.

(1 mark)

Answer:

We listen and respond





Calculate the median and the mode of this set of weights.

9kg 84kg 51kg 12kg 90kg 27kg 28kg 42kg 51kg

Write the answers in the box below.

(2 marks)

Median:_____

Mode:_____

Page 3

Highfield EXAMINATION

Scenario A

Charity work

4

You volunteer for a charity that provides clothing.

You are sending a shipment:

- One-sixth of the items are jackets
- Two-fifths of the items are trousers
- the remainder are tops

What fraction of the items are tops?

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

(3 marks)

Answer:

Page 4





You are sending another shipment containing 200 pairs of shoes.

There is an equal number of men's, women's, boy's and girl's shoes.

For each, there are 3 different sizes of shoes, small, medium and large, in the ratio 2:2:1.

You pick one pair of shoes out of the shipment at random for a quality check.

What is the probability that the pair you pick out is a small girl's pair?

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

(4 marks)

Answer:

We listen and respond

Page 5

Highfield EXAMINATION

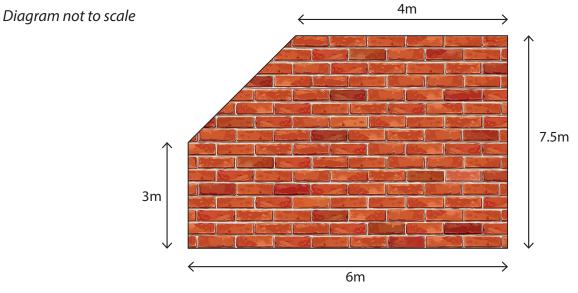
Scenario B

Advertising

6

You are creating an advert for a billboard on the side of a building.

Below is a diagram of the space you have available on the building.



What is the total area of the space you have available for the advert?

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

(4 marks)

m²

We listen and respond Pa

Page 6

Answer: _





The company selling the billboard is offering a discount.

The regular price of the billboard is £620 per month.

They are offering a discount of 12.5% from the regular price.

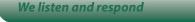
What is the new monthly cost?

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

(2 marks)

Answer: £_

END OF ASSESSMENT



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Highfield EXAMINATION



For official use only:

	1	2	3	4	5	6	7	TOTAL	
Mark(s) available	1	1	2	3	4	4	2	17	
Marker									
2nd line marker									
Marker:					2nd line marker:				
Date:					Date				



Mathematics

We listen and respond

02 February 2021

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Highfield Qualifications

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