AQA

Functional Skills Level 2 MATHEMATICS

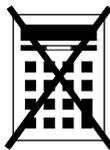## Paper 1 Non-Calculator

Tuesday 25 February 2020   Morning   Time allowed: 30 minutes

Materials

For this paper you must have:
* mathematical instruments.

You must **not** use a calculator.

For Examiner's Use	
Question	Mark
1–4	
5	
TOTAL	

Instructions
* Use black ink or black ball-point pen. Draw diagrams in pencil.
* Answer **all** questions.
* You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
* If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
* Do all rough work in this book. Cross through any work you do not want to be marked.
* State the units of your answer where appropriate.

Information
* The marks for questions are shown in brackets.
* The maximum mark for this paper is 20.
* You may ask for more answer paper, graph paper and tracing paper. These must be tagged securely to this answer book.

Advice

In all calculations, show clearly how you work out your answer.

Section A

Answer **all** questions in the spaces provided.

1 Here is a fair spinner.
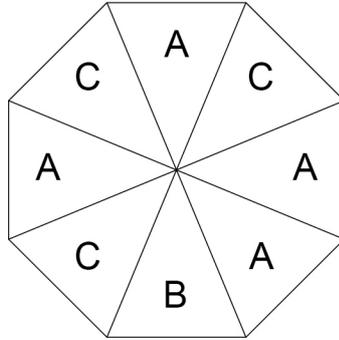
Circle the probability that the spinner lands on A.

[1 mark]

0.5   0.125   0.375   0.3

2 Work out $2^3 \times (16 - 4)$

[2 marks]

_____

_____

Answer _____

3 Complete the table to show equivalent fractions, decimals and percentages.

[3 marks]

Fraction	Decimal	Percentage
$\dfrac{3}{5}$	0.6	
$\dfrac{11}{40}$		27.5%
	0.95	95%

4 Put the following numbers in order, starting with the **largest**.

10   −6   −4   −1   8   3

[2 marks]

_____

_____

Answer _____ , _____ , _____ , _____ , _____ , _____

Turn over for Section B

8

Turn over ▶

Section B

Answer **all** questions in the spaces provided.

5 **Holiday**

Sally is planning a holiday.

5 (a) Sally will be going with her son, who is a child.

The holiday will be for **2 weeks**.

She sees offers for two holidays.

Thailand	Hawaii
Thailand	**Hawaii**
Adult price: £450 per week	Adult price: £660 per week
Child price: 40% discount off adult price	Child price: 10% discount off adult price
Special Offer: Stay 2 weeks, get $\frac{1}{6}$ off **total** cost	**Special Offer:** 2nd week free

Which holiday is cheaper, Thailand or Hawaii?
You **must** show your working.

[7 marks]

Answer _____

5 (b) Sally could use the airport car park for **14 days**.

The total charge for parking is given by

Charge = £19.95 + £12.00 × (Number of days − 1)

Sally says,

"The total charge would be more than £170"

Is she correct?
You **must** show your working.

[5 marks]

12

END OF QUESTIONS

There are no questions printed on this page

DO NOT WRITE ON THIS PAGE
ANSWER IN THE SPACES PROVIDED

Question number	Additional page, if required. Write the question numbers in the left-hand margin.

Do not write outside the box

Question number	Additional page, if required. Write the question numbers in the left-hand margin.

203G8362/1

IB/M/Mar20/8362/1