



Please write clearly in block capitals.

Centre number Candidate number

Surname _____

Forename(s) _____

Candidate signature _____

I declare this is my own work.

Functional Skills Level 1

MATHEMATICS

Paper 1 Non-Calculator

Time allowed: 30 minutes

Materials

For this paper you must have:

- mathematical instruments.

You must **not** use a calculator.



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.

For Examiner's Use	
Question	Mark
1-5	
6	
TOTAL	

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.



M A R 2 2 8 3 6 1 1 0 1

IB/G/Mar22/E5

8361/1
QAN 603/4257/2

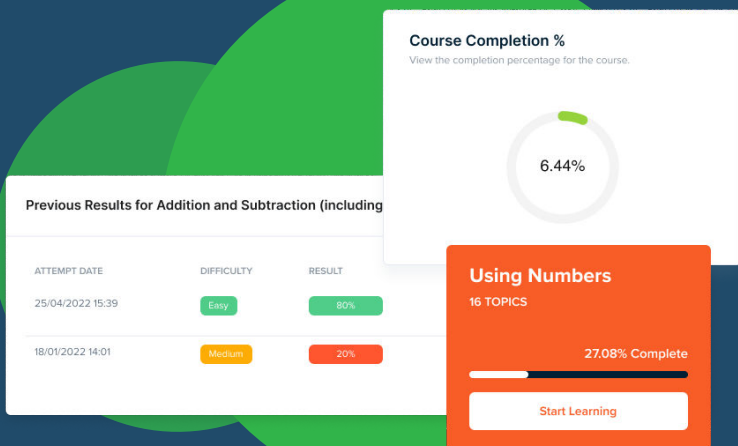
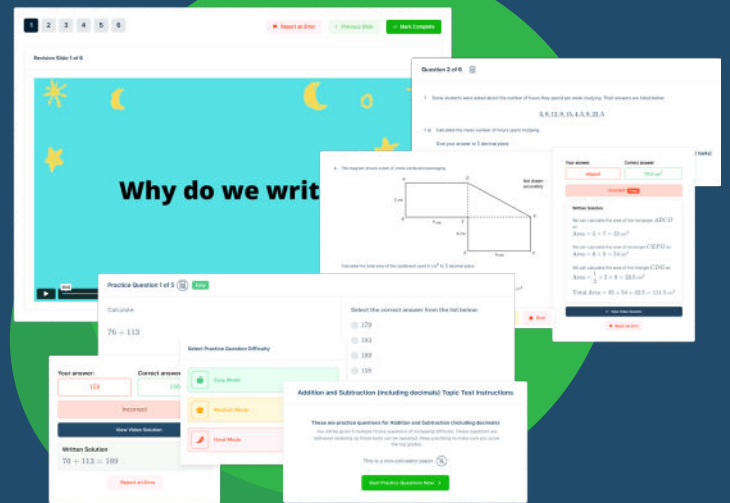


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Section A

Do not write
outside the
box

Answer all questions in the spaces provided.

- 1 You are facing South West.
You turn 180°
What direction are you facing now?
Circle your answer.

[1 mark]

South East

South

North East

North

- 2 Work out $18 + 30 \div 6$

[2 marks]

$$18 + 30 \div 6 = 18 + 5 = 23$$

Answer

23

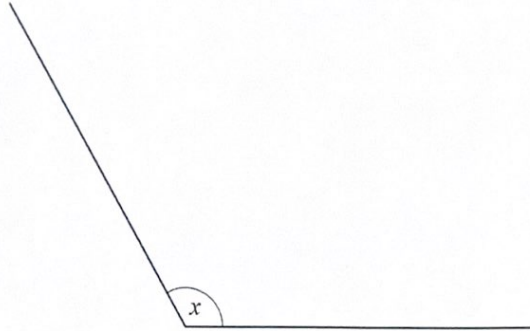


3

3 Measure the size of angle x .

[1 mark]

Do not write
outside the
box



Answer 120 °

4 Here are some numbers.

11 6 4 5 17 5

Work out the range.

[2 marks]

Largest = 17 Smallest = 4
17 - 4 = 13

Answer 13

Turn over ►



0 3

5 Work out 40% of 300

[2 marks]

Do not write
outside the
box

$300 \times 0.4 = 120$

Answer 120

8



Section B

Answer all questions in the spaces provided.

Do not write
outside the
box

6 A day at the seaside

- 6 (a) Katya and her family are going to the seaside by train.
Katya has a voucher to get discounts on all their return train tickets.

Voucher

Adults $\frac{1}{3}$ off usual prices

Children pay £1.00 each

The usual prices of the **return** train tickets are

- Adults £24.00 each
- Children £11.25 each

Katya will buy tickets for 4 adults and 3 children.

How much money will Katya save by using the voucher?

[6 marks]

$$24 \times \frac{2}{3} = 16$$

$$4 \times 16 + 3 \times 1 = £67 \text{ with discounts}$$

$$4 \times 24 + 3 \times 11.25 = £129.75 \text{ w/o discounts}$$

$$129.75 - 67 = £62.75 \text{ saved}$$

Answer £ 62.75

Turn over ►



0 5

- 6 (b) The family go to the beach.
Katya hires **one** deckchair from 11.00 am to 3.45 pm



Deckchair Hire

£1.40 per hour or part of an hour

Katya pays with a £20 note.

How much change should she get?

[4 marks]

$$11:345 = 4\text{h } 45\text{m} = 4.75\text{hr.}$$

~~4.75 hr~~

5 hr cost

$$5 \times 1.4 = \text{£ } 7$$

$$20 - 7 = \text{£ } 13$$

Answer £ 13



6 (c) The beach cafe sells drinks.

Price list	
Hot Drink	£2.90
Cold Drink	£1.95

Katya buys

4 hot drinks

and

1 cold drink.

She estimates that the total cost will be **less than** £15

By rounding up each price, show that Katya is correct.

[2 marks]

$$\text{Hot drink} = \pounds 3$$

$$\text{Cold drink} = \pounds 2$$

$$4 \times 3 + 1 \times 2 = 12 + 2 = \pounds 14$$

$$\pounds 14 < \pounds 15$$

12

END OF QUESTIONS



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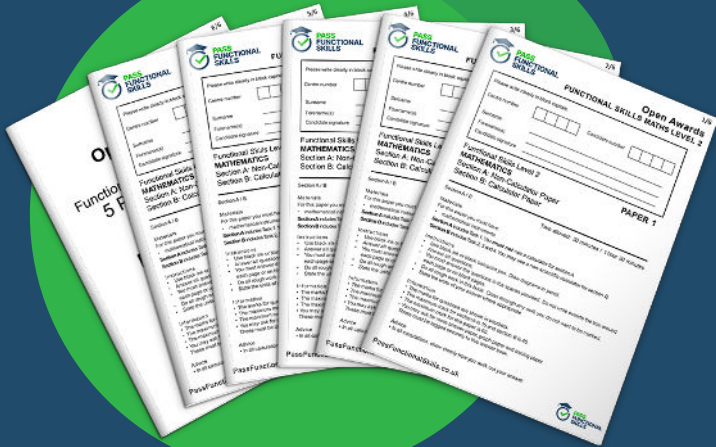
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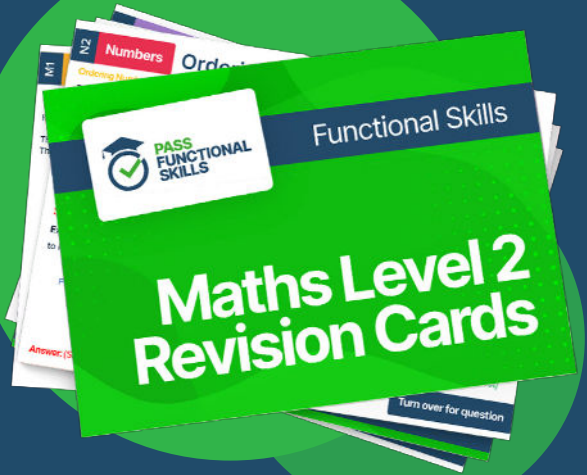




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