



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

Monday 13 January 2020

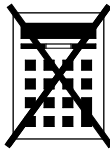
Morning

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.

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.

For Examiner's Use	
Question	Mark
1–6	
7	
TOTAL	



J A N 2 0 8 3 6 1 1 0 1



FUNCTIONAL SKILLS ONLINE COURSES

- ✓ Your answers are analysed to determine your Current Level
- ✓ Suggested courses for you to enrol on based on your calculated level
- ✓ Always know the level you are currently working at
- ✓ Determine when you are ready to sit your exam

Recommendations

Based on your results from this initial assessment, we estimate you are currently at **Level 1.5**. From this diagnostic, we think one of the following courses would be suitable:

Functional Skills English Initial Assessment
English
13 Questions | No Time Limit
Start Initial Assessment

Functional Skills Maths Initial Assessment
Maths
25 Questions | Mixed Calculator | No Time Limit
Start Initial Assessment

Functional Skills Maths Level 2
35 Topic Count | 105 Tests
43 Mock Exams
Enrol Now

Pick my own

- ✓ Explainer videos on every topic
- ✓ Quick-fire style multiple choice questions
- ✓ Test your knowledge with exam-style questions
- ✓ Written solutions for all questions

Why do we write...

Practice Question 1 of 5
Calculation
 $76 + 113 = 189$

Question 2 of 5
Select the correct answer from the list below:
129
183
189
194

Written Solution
 $76 + 113 = 189$

Addition and Subtraction (including decimals) Topic Test Instructions

Course Completion %
View the completion percentage for the course.

6.44%

Using Numbers
16 TOPICS
27.08% Complete

Start Learning

Previous Results for Addition and Subtraction (including

ATTEMPT DATE	DIFFICULTY	RESULT
25/04/2022 15:39	Easy	80%
18/01/2022 14:01	Medium	20%

- ✓ See your progress through as you progress through each topic area
- ✓ Get your average scores for practice questions, topic tests and mock exams
- ✓ View all practice question, topic test and mock exam attempts over time
- ✓ View historical attempts to analyse your progress over time

Or visit
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Section A

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

- 1 Circle the smallest number.

[1 mark]

7.094

7.102

7.036

7.04

- 2 Write in words 10324

[1 mark]

Ten thousand, three hundred and
twenty four

- 3 Work out the range of these numbers.

2 4 4 5 6 9

[1 mark]

Biggest - Smallest $9 - 2 = 7$

Answer 7

- 4 Work out $718.6 \div 100$

[1 mark]

Answer 7.186



- 5 By rounding each number, estimate the answer to 9.8×4.1
You **must** show your working.

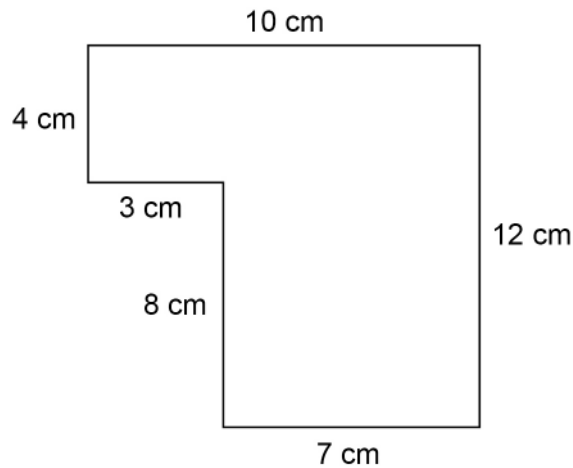
[2 marks]

$$9.8 \approx 10 \quad 4.1 \approx 4$$

$$10 \times 4 = 40$$

Answer 40

- 6 Here is an L-shape.

Not drawn
accurately

Work out the perimeter of the L-shape.

↳ Distance all the way round [2 marks]

$$4 + 3 + 8 + 7 + 12 + 10 = 44$$

Answer 44 cm

8

Turn over ►



Section BAnswer **all** questions in the spaces provided.**7 Birthday party**

Carly is shopping for things for her son's birthday party.

7 (a) Carly is buying paper plates and paper cups.

Plates cost £1.50 for a pack of 8

Cups cost £1.20 for a pack of 6

Carly wants 40 plates and 24 cups.

Carly says,

"The total cost will be less than £12"

Is she correct?

You **must** show your working.**[5 marks]**

$$40 \div 8 = 5 \text{ packs of plates}$$

$$24 \div 6 = 4 \text{ packs of cups}$$

$$5 \times 1.50 + 4 \times 1.20 = 7.50 + 4.80$$
$$= \pounds 12.30$$

No, it costs $\pounds 12.30$



- 7 (b)** Carly will give each child a bag of sweets.
She buys a 1 kilogram box of sweets.
She puts 50 grams of sweets into each bag.

How many bags can she fill from the 1 kilogram box of sweets?

[3 marks]

$$1\text{kg} = 1000\text{g}$$
$$1000 \div 50 = 20$$

Answer 20

- 7 (c)** Carly makes a drink by mixing orange juice and water in the ratio 1 : 6
She uses 2 litres of orange juice.

Juice : water

How many litres of the drink does she make?

[2 marks]

$$2 \times 6 = 12$$
$$12 + 2 = 14$$

Answer 14 litres

Question 7 continues on the next page

Turn over ►



- 7 (d)** Carly wants to hire a hall for the party.
The charge for hiring the hall is worked out using this formula.

$$\text{Charge} = \text{£}50 + \text{£}30 \times \text{number of hours it is hired for}$$

Carly is charged £140 for hiring the hall.

For how many hours does she hire the hall?

[2 marks]

$$140 - 50 = 90$$

$$90 \div 30 = 3 \text{ hours}$$

Answer 3 hours

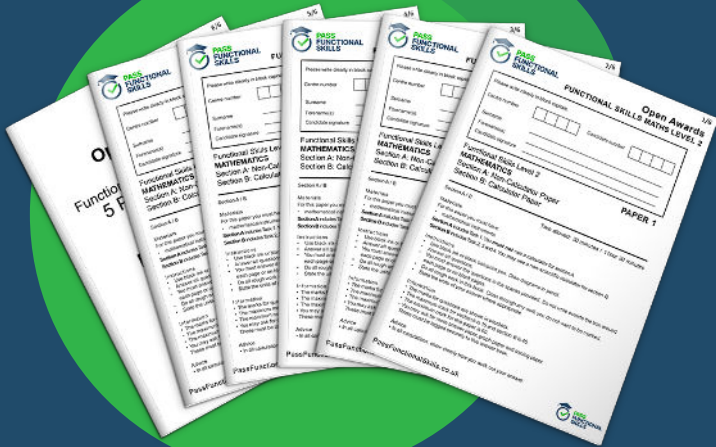
12

END OF QUESTIONS

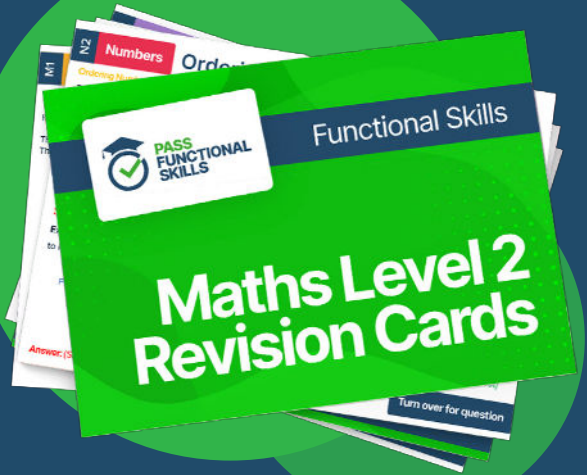




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