Level 1 Functional Skills Mathematics Sample 4

Duration: 25 minutes
Total marks: 15 marks

City & Guilds
A City & Guilds Group Business

Version: 1.0

SECTION 1 – CALCULATOR NOT PERMITTED

Candidate name (first, last)

First

Last

Candidate enrolment number

Date of birth (DDMMYYYY)

Assessment date (DDMMYYYY)   Centre number

Candidate signature and declaration*

*I declare that I had no prior knowledge of the questions in this assessment and that I will not share information about the questions.

Please check that your name is correctly printed on the candidate barcode label. If not, please tell the invigilator before the start of the exam.

You should have the following for this assessment:
- a pen with black or blue ink
- a pencil
- an eraser
- a 30cm ruler.

You must NOT use a protractor.
You must NOT use a calculator for Section 1.

General instructions
- Read through each question carefully.
- You may use a dictionary.
- Write all your answers in this booklet.
- Check your calculations and check that your answers make sense.

FUNCTIONAL SKILLS ONLINE COURSES

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
- No Time Limit
- Mixed Calculator

Start Initial Assessment

Functional Skills Maths Level 2
- 35 Topic Count
- 105 Tests
- 43 Mock Exams

Enrol Now

Pick my own

✅ 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

✅ Explainer videos on every topic

✅ Quick-fire style mutiple choice questions

✅ Test your knowledge with exam-style questions

✅ Written solutions for all questions

Why do we writ

Course Completion %
View the completion percentage for the course.

6.44%

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%

Using Numbers
16 TOPICS

27.08% Complete

Start Learning

✅ 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

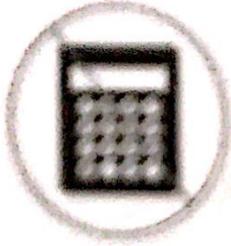✅ View historical attempts to analyse your progress over time

Or visit
passfunctionalskills.co.uk

PassFunctionalSkills.co.uk

SECTION 1 – CALCULATOR NOT PERMITTED

There are 18 marks available in this section.

You should check all your work as you go along

You must not use a calculator in this section.

PassFunctionalSkills.co.uk

Q1

$(4 + 2) \times 6 - 1 =$

_____35_____
(1 mark)

Q2

What is 0.4 as a percentage?

_____40%____ %
(1 mark}

Q3

What is 8.35719 rounded to two decimal places?

_____8.36_____
(1 mark)

Q4

4.978 x _____1000_____ = 4 978

What is the missing number?

_____1000_____

(1 mark)

Q5
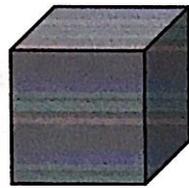
5cm

What is the volume of this cube?

_____125_____ cm³

(1 mark)

Q6
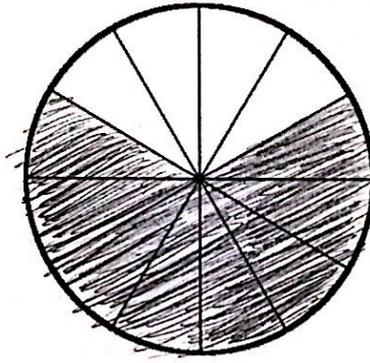
Shade $\dfrac{2}{3}$ of the circle so there is at least one line of symmetry.

Q7

Which of these lists of fractions and mixed numbers is in order from smallest to largest?

A $2\frac{1}{4}$ $1\frac{3}{4}$ $\frac{3}{4}$ $1\frac{1}{4}$ ☐

B $1\frac{1}{4}$ $\frac{3}{4}$ $1\frac{3}{4}$ $2\frac{1}{4}$ ☐

C $\frac{3}{4}$ $1\frac{1}{4}$ $1\frac{3}{4}$ $2\frac{1}{4}$ ☑

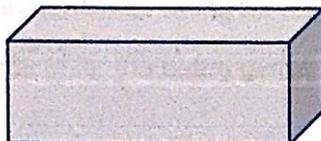**D** $\frac{3}{4}$ $1\frac{3}{4}$ $1\frac{1}{4}$ $2\frac{1}{4}$ ☐

(1 mark)

Q8
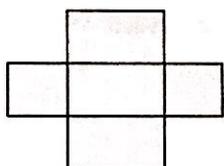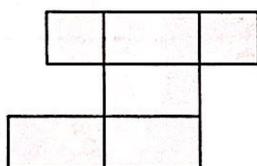
If 28 x 63 = 1764, what is 1764 ÷ 63?

28
_____

(1 mark)

Q9

Which one of these nets will fold into this shape?

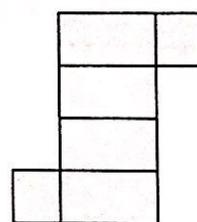| A | B | C | D |

D
_____

(1 mark)

7
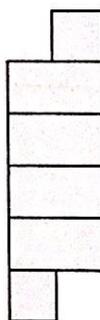
Q10

Write two hundred and five thousand and thirty in figures.

205030

(1mark)

Q11

A shop owner sells a new board game on a website.

He wants to give an average (mean) customer rating for his website.

He asks customers to give a star rating for the board game.

Star Ratings – 8 customers							
3	4.5	3.5	3	5	0.5	4	4.5

What rating will he use for the website?

Show your working

$$Mean = \frac{3+4.5+3.5+3+5+0.5+4+4.5}{8}$$

$$= 3.5$$

3.5

(2 marks)

Q12

A baker wants to order enough flour for 10 loaves of bread weighing 750g each.

She has a recipe for a 500g loaf of bread which needs 480g of flour.

How many kilograms of flour does the baker need?

Show your working

$10 \times 750 = 7500$.

$7500 \div 500 = 15$.

$15 \times 480 = 7200$

$= 7.2 kg$

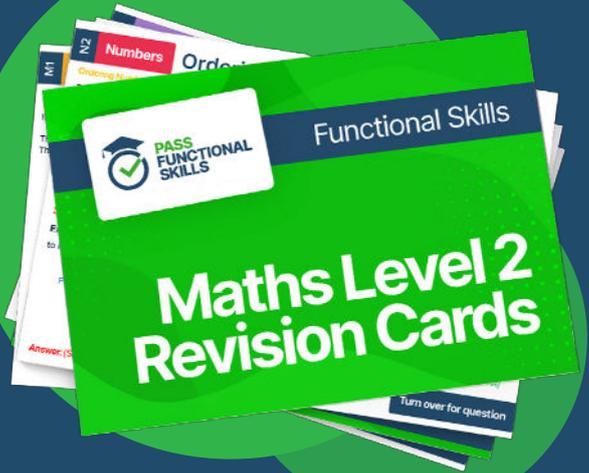_____7.2____ kg

(3 marks)

End of Section 1

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