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SKILLS

Functional Skills Model Solutions

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**ENTRY LEVEL 2
FUNCTIONAL SKILLS
MATHS – PART A**

QUESTION PAPER

SAMPLE ASSESSMENT MATERIAL

Learner name:	Auto-filled by XAMS
Learner number:	Auto-filled by XAMS
Your Signature:	
Today's date:	Auto-filled by XAMS



Total marks **7 marks**
available:



Time limit: **25 minutes**

You need:



This question and answer paper



✓ Total marks **7 marks**
available

A pen with black or blue ink



A pencil and an eraser





FUNCTIONAL SKILLS ONLINE COURSES

The image shows a mobile application interface for 'MySkills'. At the top, there is a large green circular graphic. Below it, the 'Recommendations' section is titled '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:'. Two course cards are displayed: 'Functional Skills English Initial Assessment' and 'Functional Skills Maths Initial Assessment'. Each card includes a green 'Start Initial Assessment' button. The English card shows '13 Questions' and 'No Time Limit'. The Maths card shows '25 Questions', 'No Time Limit', and 'Mixed Calculator'. At the bottom, there is a green button labeled '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

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](#)

- ✓ 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

The image shows a screenshot of the Mathletics platform. At the top, there is a navigation bar with icons for Home, Log in, and Sign up, along with a search bar and a user profile icon. Below the navigation bar, there is a progress bar showing '100% Complete' with a green bar and a blue progress indicator. The main content area is divided into several sections:

- Worksheet:** A section titled "Worksheet" with a green header. It contains a grid of 10 boxes for drawing, with the first few boxes containing yellow star and crescent moon icons. The text "Why do we write" is displayed in large, bold, black letters.
- Practice Question 1 of 5:** A section titled "Practice Question 1 of 5" with a green header. It includes a "Calculate" button, a text input field with "79 + 123", and a "Your answer" field with "118" (highlighted in red). The "Correct answer" is "192" (highlighted in green). Below this, there is a "Select Practice Question Difficulty" section with three radio buttons: "179" (gray), "183" (gray), and "189" (gray). There are also "Easy Mode", "Medium Mode", and "Hard Mode" buttons.
- Question 2 of 6:** A section titled "Question 2 of 6" with a green header. It contains a math problem: "Some students were asked about the number of hours they spend per week studying. Their answers are listed below. 8, 9, 12, 9, 15, 4, 9, 22, 3. If a student used the mean number of hours spent studying. Give your answer to 2 decimal places." Below the question, there is a diagram of a rectangle with a dashed line from the top-left corner to the bottom-right corner, labeled "Not drawn to scale". The rectangle has a width of 3 cm and a height of 2 cm. The area is calculated as $3 \times 2 = 6 \text{ cm}^2$.
- Topic Test:** A section titled "Addition and Subtraction (including decimals) Topic Test Instructions" with a green header. It includes a "Start Test" button and a "This is a non-calculator paper" button. Below this, there is a "Written Solution" section with a "79 + 113 = 192" input field and a "Report an Error" button.
- Scoreboard:** A section titled "Scoreboard" with a green header. It shows a table with three rows: "Your answer" (118), "Correct answer" (192), and "Score" (100%). Below the table, there are sections for "Written Blunders", "Written Blunders", and "Written Blunders", each with a "Report an Error" button.

- ✓ 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

You cannot use:



The Internet



A calculator



Instructions

1. Check your name is correct on Page 1
Write your **signature** if it is
2. **Read** each text and question carefully
3. **Write** your answers in the spaces provided
4. Answer **all** the questions
Remember to show your **workings**
5. **Check** your work at the end
6. Ask your teacher for more **paper** if you need it.
Write your name on any extra pieces of paper.
7. Your teacher will **collect** your paper at the end of the assessment



Answer:



Question 1**(1 mark)**

Put the following numbers in order.

176 63 113 140 128

63	113	128	140	176
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Question 2**(2 marks)**

Divide 86 by 3 and show the remainder.

Show your workings.

$$3 \overline{)8 \ 26} \ r 2$$

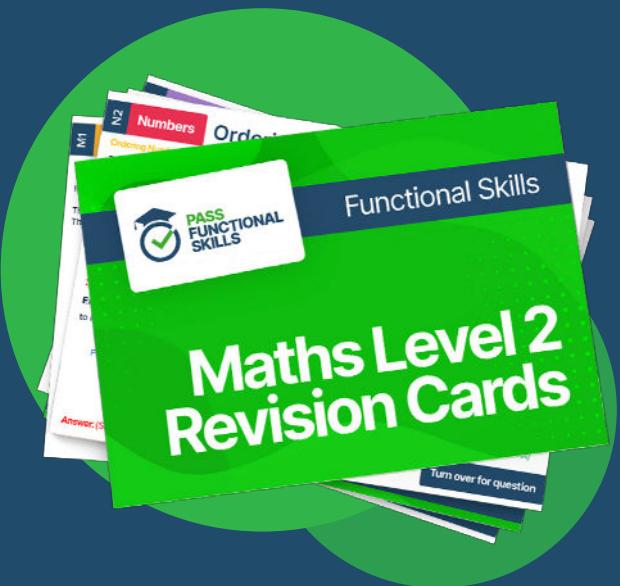
$$86 \div 3 = 28 \ r 2$$



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Level 2 Revision Cards



Functional Skills English Level 2
Practice Papers & Revision Cards



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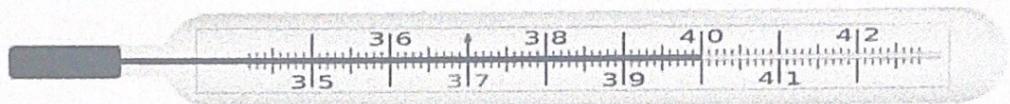
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Question 3**(2 marks)**

Ashley is feeling unwell.

Ashley's temperature yesterday was 37 degrees.

The thermometer shows Ashley's temperature today.



How many **degrees higher** is Ashley's temperature today than it was yesterday?

Show your workings.

The temperature on the thermometer
shows 40 degrees.

$40 - 37 = 3$ degrees higher today

Question 4**(2 Marks)**

Monica needs 83 plants to fill a flower bed at the park.

She only has 56 plants.

How many **more** plants does Monica need?

$$\begin{array}{r} 83 \\ - 56 \\ \hline 27 \end{array}$$

$$83 - 56 = 27$$

Monica needs 27
more plants.

End of Part A