



Please write clearly in block capitals.

Centre number

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I declare this is my own work.

Functional Skills Level 1

MATHEMATICS

Paper 1 Non-Calculator

Tuesday 25 February 2020

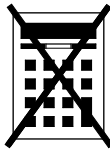
Morning

Time allowed: 30 minutes

Materials

For this paper you must have:

- mathematical instruments.
- You must **not** use a calculator.



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.

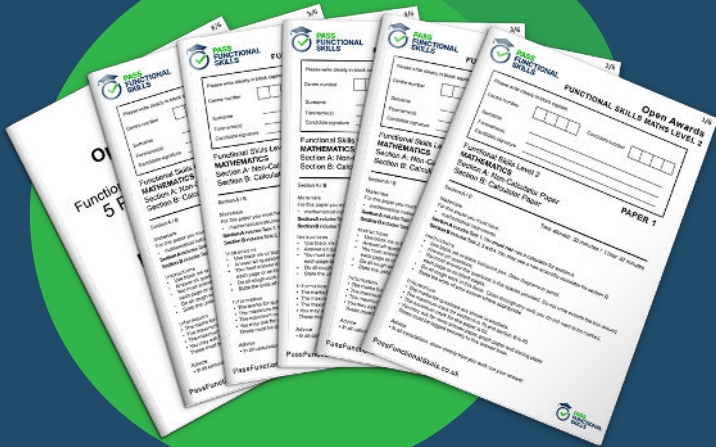
For Examiner's Use	
Question	Mark
1–6	
7	
TOTAL	



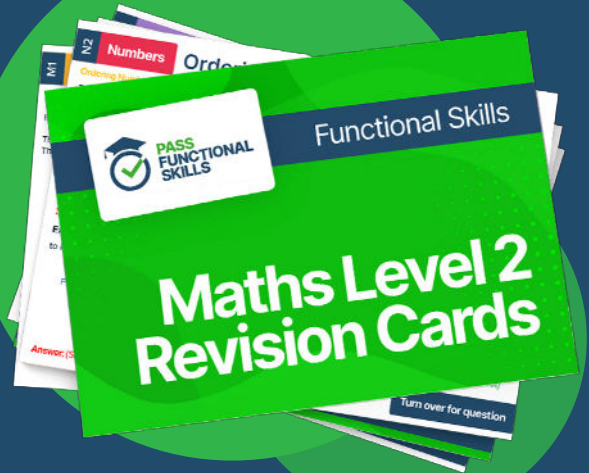
M A R 2 0 8 3 6 1 1 0 1



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Section A

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

- 1 Circle the decimal with the same value as $\frac{3}{5}$ [1 mark]
- 0.06 0.35 0.53 0.6

- 2 Work out $40 - 5 \times 3$ [1 mark]

$$40 - 15 = 25$$

Answer 25

- 3 Work out 0.2×0.4 [1 mark]

$$2 \times 4 = 8$$

$$8 \div 10 \div 10 = 0.08$$

Answer 0.08



4 Here are some values.

3 17 9 4 6 9 12 5
8 11 9 1 15 18 7 4

Complete the grouped frequency table.

[2 marks]

Value	Tally	Frequency
<u>1 to 5</u>		5
<u>6 to 10</u>	1	6
<u>11 to 15</u>		3
<u>16 to 20</u>		2

Turn over for the next question

Turn over ►



5 $6 \times 14 = 84$

$84 \div 14 = 6$

Use this information to work out $840 \div 140$

Circle your answer.

[1 mark]

0.6

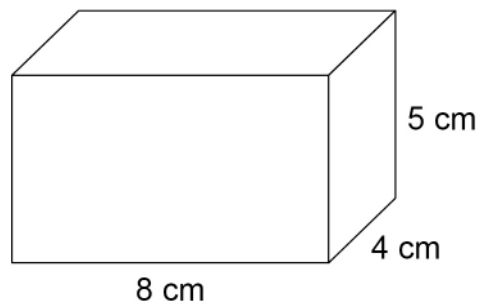
6

60

600

6 Work out the volume of this cuboid.

[2 marks]



$8 \times 5 \times 4 = 160$

Answer 160 cm³

8



Section BAnswer **all** questions in the spaces provided.**7 Personal budgeting**

- 7 (a)** Sasha has a budget of £1700
She spends £1200 of this on household bills.

Of the rest, she spends

$$\frac{1}{4} \text{ on leisure}$$

$$\frac{3}{5} \text{ on clothes.}$$

How much of the £1700 does she have left?

[5 marks]

$$\frac{1}{4} + \frac{3}{5} = \frac{5}{20} + \frac{12}{20} = \frac{17}{20}$$

$$1700 - 1200 = 500$$

$$500 \div 20 = 25$$

$$25 \times 17 = 425$$

$$500 - 425 = 75$$

Answer £ 75**Question 7 continues on the next page****Turn over ►**

7 (b) Ahmed wants to buy a laptop.

He can either

pay the cash price of £689.95

or

pay £73.50 per month for 10 months.

How much **more** does the laptop cost if he pays for it monthly?

[3 marks]

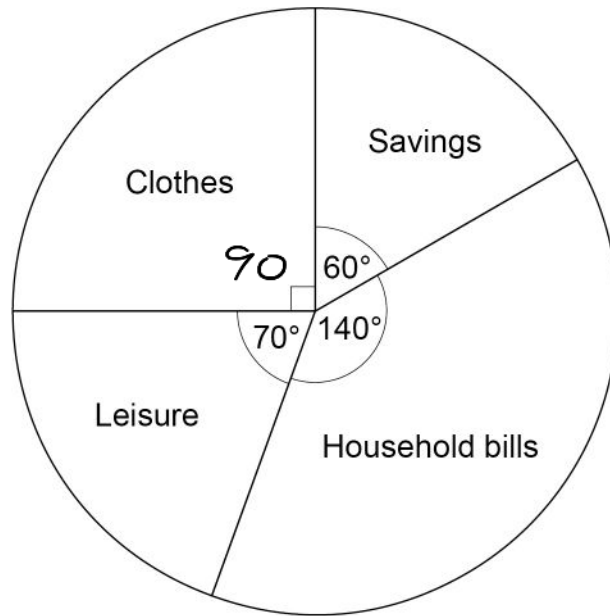
$$73.50 \times 10 = 735$$

$$\begin{array}{r} 6 \text{ } 1214 \text{ } 21 \\ \cancel{735} \text{ } \cancel{00} \\ - 689.95 \\ \hline 45.05 \end{array}$$

Answer £ 45.05



- 7 (c) Jake draws a pie chart to show how he will spend his income.



Jake spends £420 on **household bills**.

How much **more** does he spend on clothes than on leisure?

[4 marks]

$$420 \div 140 = \pounds 3 \text{ per } 1^\circ$$

$$3 \times 70 = 210$$

$$3 \times 90 = 270$$

$$270 - 210 = 60$$

Answer £ 60

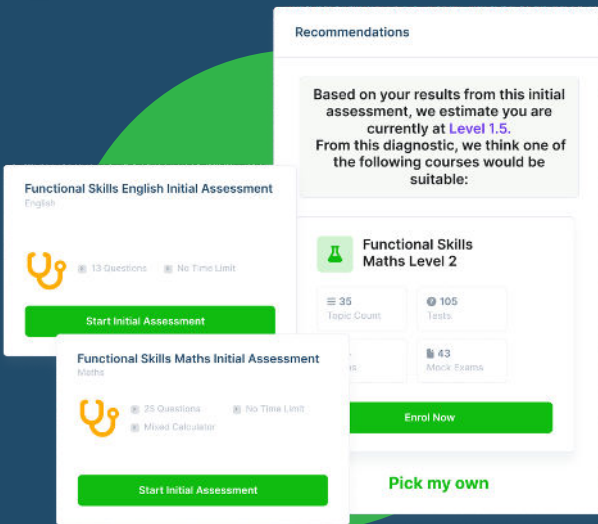
12

END OF QUESTIONS



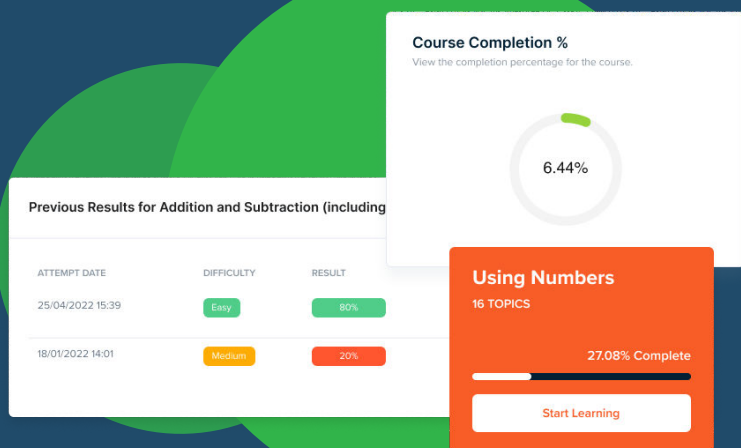
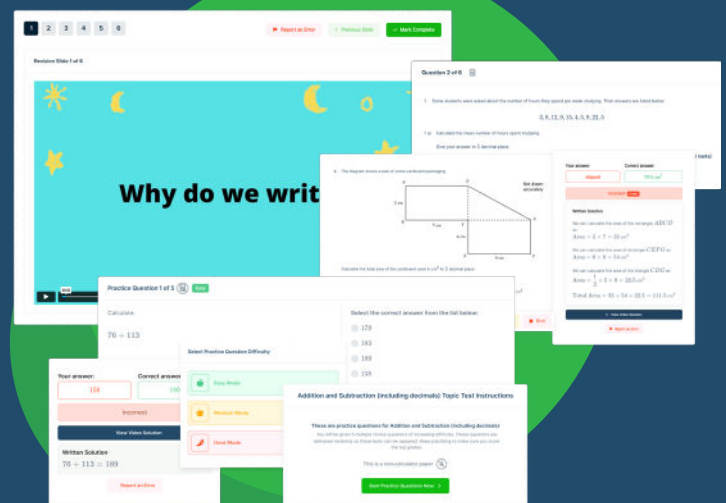


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