


Please check the examination details below before entering your candidate information

Candidate surname		Other names	
Pearson Edexcel Functional Skills		Centre Number	Candidate Number
Practice Set 3			
Time: 25 minutes		Paper Reference PRACL1/N03	
Mathematics			
Level 1			
Section A (Non – Calculator)			
You must have: Pen, HB pencil, eraser, ruler graduated in cm and mm, protractor, pair of compasses. Tracing paper may be used.			Total Marks

My signature confirms that I will not discuss the content of the test with anyone.

Signature: _____

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Sign the declaration.
- Answer **all** questions.
- Write your final answers in the boxes provided.
- Answer the questions in the spaces provided – *there may be more space than you need.*
- You **must** show clearly how you get your answers in the spaces provided. Marks will be awarded for your working out.
- Check your working and answers at each stage.
- Diagrams are **not** accurately drawn, unless otherwise indicated.
- **Calculators may not be used.**
- Take the value of π to be 3.14

Information

- The total mark for this section is 14.
- The marks for **each** question are shown in brackets.
– *use this as a guide as to how much time to spend on each question.*
- This sign shows where marks will be awarded for showing your checks.

Advice

- Read each question carefully before you start to answer it.
- Check your answers if you have time at the end.

Turn over ►

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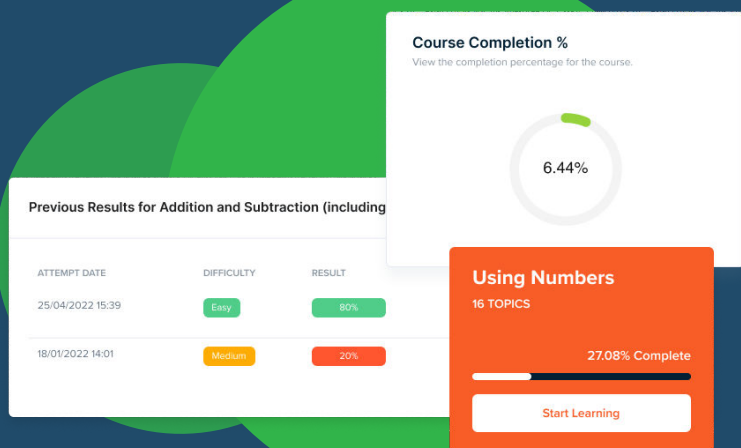
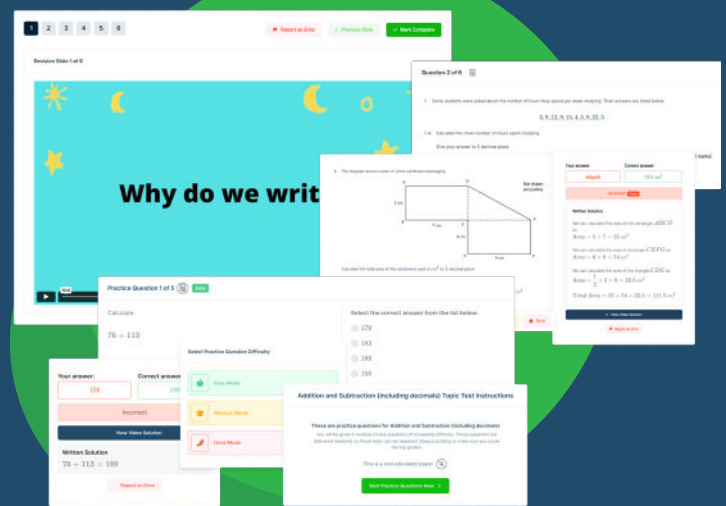


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SECTION A

Answer ALL questions. Write your answers in the spaces provided.

- 1 Here are 4 numbers.

29.4 50.8 24.7 19.9

Work out the mean of these numbers.

(3)

$$29.4 + 50.8 + 24.7 + 19.9 = 124.8$$

$$124.8 \div 4 = 31.2$$

31.2

(Total for Question 1 is 3 marks)

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2

Work out $12^2 + 208$

(3)

$$12^2 = 12 \times 12 = 144$$

$$144 + 208 = 352$$

352

(Total for Question 2 is 3 marks)

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3

Turn over ▶

- 3 Greta manages a visitor attraction.
She knows 48 600 people visited the attraction last spring.

Greta says

"There has been a 15% increase in the number of visitors this spring compared to spring last year."

- (a) Work out how many people visited the attraction in spring this year for Greta.

$$10\% \text{ of } 48\,600 = 48\,600 \div 10 = 4\,860$$

$$5\% = 4\,860 \div 2 = 2\,430$$

$$15\% = 10\% + 5\% = 4\,860 + 2\,430 = 7\,290$$

Visitors this spring:

$$\begin{array}{r} 48\,600 \\ + \quad 7\,290 \\ \hline 55\,890 \end{array}$$

55 890

- (b) Use reverse calculations to show a check of your working.

$$\begin{array}{r} 45\,890 \\ - \quad 7\,290 \\ \hline 48\,600 \end{array}$$

(Total for Question 3 is 4 marks)

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4 Fabio is a restaurant manager.

He has this list of jobs.

jobs	
check supplies	$\frac{3}{4}$ of an hour
write rotas	1 hour 20 minutes
update social media	50 minutes
do accounts	$1\frac{1}{2}$ hours

Fabio thinks he can complete all of these jobs in $4\frac{1}{4}$ hours.

Is Fabio correct?

You **must** show your working.

Convert all to minutes:

- $\frac{3}{4}$ of an hour = $\frac{3}{4}$ of 60 mins = 45 mins
- 1h 20m = 80 mins
- 50 mins
- $\frac{1}{2}$ hours = 90 mins

Total time: $45 + 80 + 50 + 90 = 45 + 80 + 140$
 $= 45 + 220 = \boxed{265 \text{ mins}}$

$4\frac{1}{4}$ hours in mins = $(4 \times 60) + 15 = 240 + 15 = \boxed{255 \text{ mins}}$

Fabio is not correct

(Total for Question 4 is 4 marks)

TOTAL FOR SECTION A IS 14 MARKS



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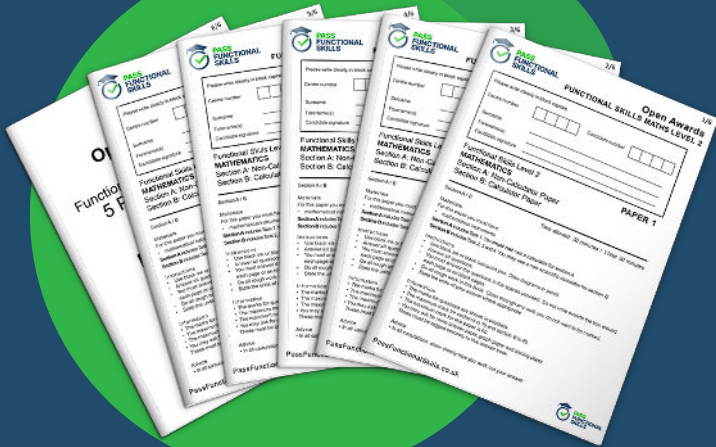
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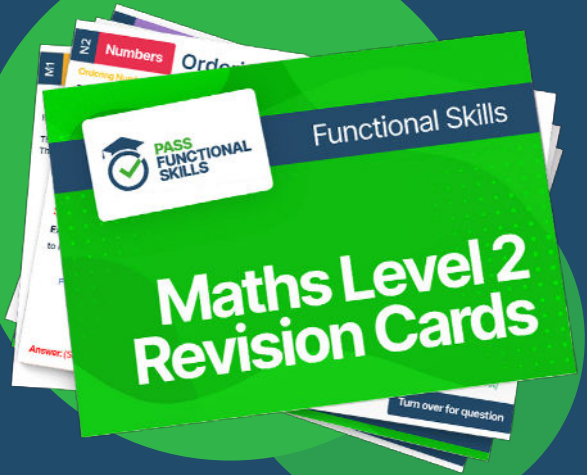
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