Please check the examination details below before entering your candidate information								
Candidate surname			Other name	s				
Pearson Edexcel Functional Skills	Centre	Number		Candidate Number				
Practice Set 3	3							
Time: 25 minutes		Paper Re	ference P	RACL2/N03				
Mathematics Level 2 Section A (Non–Calcu	lator)			X				
You must have: Pen, HB pencil, eraser, ruler gra pair of compasses. Tracing pape	duated ii er may b	n cm and n e used.	nm, protra	actor,				

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 16.
- The marks for **each** guestion are shown in brackets – use this as a guide as to how much time to spend on each question.
- This sign $|\sqrt{}|$ shows where marks will be awarded for showing your checks.

.CG Maths.

Hints

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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Please note that these worked solutions have neither been provided nor approved by Pearson Education and may not necessarily constitute the only possible solutions. Please refer to the original mark schemes for full guidance.

Any writing in blue indicates what must be written in order to answer the questions and get the marks. The worked solutions have been designed to show the smallest amount of work which needs to be done to answer the question.

Anything written in green in a cloud doesn't have to be written in the exam.

Anything written in orange in a rectangle doesn't have to be written in the exam and is there to show what should be put into a calculator or measured using a ruler or protractor.

If you find any mistakes or have any requests or suggestions, please send an email to curtis@cgmaths.co.uk



SECTION A



1 *PQRS* is a quadrilateral.





(Total for Question 1 is 3 marks)



THIS

WRITEIN

DO NOC

MR H

THIS AREA

WELLEN

DO NOT

2 Prasha sees this advert for an apprenticeship.



Prasha will be paid for 52 weeks of the year.

She estimates that she will have an annual salary of £11500

Use estimation to check if Prasha's estimate is sensible. You **must** show your working.

Round each of the amounts to 1 significant figure. The first figure in £5.68
is in the units column so it should be rounded to the nearest whole number. The first figures in 37 and 52 are in the tens column so they should be rounded to the nearest ten. Multiplying the wage per hour by the number of hours per week works out the amount earned per week. Multiplying this by the number of weeks in the year works out the annual salary. Using the rounded amounts makes it an estimate and makes the calculation easier

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(3)

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(Total for Question 2 is 3 marks)



4





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4 Uditi wants to make a shoe tray. The tray will hold rows of shoes. She wants each row to hold 6 pairs of shoes.

Uditi measures the width of 5 pairs of her shoes. Here are the results in cm.



To find the total width of 6 pairs of shoes Uditi will multiply the median width of these pairs of shoes by 6

The width of the base of the tray will need to be 10% more than the total width of 6 pairs of shoes and have an extra 3 cm at each end of the tray for a frame.

18.2 19.7 19.4

18.6

18.9

Uditi draws this diagram of the largest shoe tray she can make with the wood she has.



Uditi thinks this tray can hold 6 pairs of her shoes in a row.



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DO NOT WRITE IN THIS AREA	DO NOT WRITE IN THIS AREA				
DO NOT WRITE IN THIS AREA	DO NOT WRITE IN THIS AREA		(Total for Questio	on 4 is 6 marks)	

TOTAL FOR SECTION A IS 16 MARKS

