Candidate surname		Other names

Pearson Edexcel
Functional Skills

Centre Number

Candidate Number

Practice Set 2

Time: 25 minutes

Paper Reference **PRACL1/N02**

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 ▶

S 6 8 2 1 2 A 0 1 0 8

Pearson

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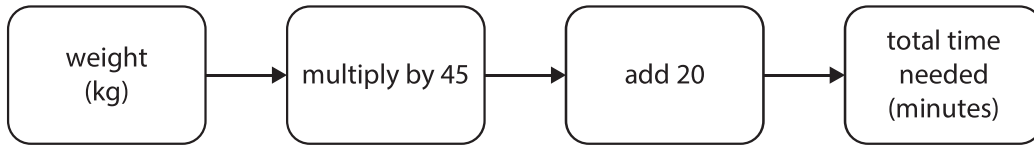DO NOT WRITE IN THIS AREA

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SECTION A

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

1 Joe works for a charity.
Each year the charity gives money to different projects.

The charity has a total of eight thousand nine hundred and sixty-eight pounds to give to the projects this year.

Joe needs to share the total money equally between 8 projects.

Work out how much money each project will receive.

(3)

£

(Total for Question 1 is 3 marks)

2 Alex is going to cook a chicken.

He uses this rule to work out the total time needed to cook the chicken.

weight (kg) → multiply by 45 → add 20 → total time needed (minutes)

The weight of the chicken is 3 kg.

Use the rule to find the total time needed to cook the chicken.
Give your answer in minutes.

(3)

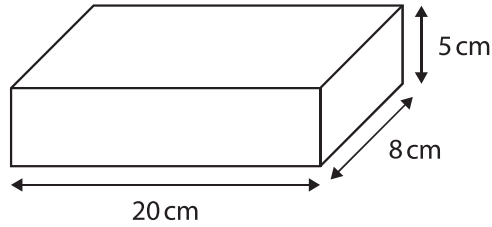............................. minutes

(Total for Question 2 is 3 marks)

3 Kiara needs a container to put in her freezer.

She sees this container.
The container is in the shape of a cuboid.

5 cm

8 cm

20 cm

Kiara knows $1000 \, \text{cm}^3 = 1$ litre.

She thinks the container holds more than $\frac{3}{4}$ litre.

Is Kiara correct?
You **must** show your working.

(4)

(Total for Question 3 is 4 marks)

4 Zane needs to travel from Sheffield to London on Saturday.

The table shows the cost for the different types of transport.

type of transport	cost (£)
train first class	47.25
train standard class	34.00
bus	6.30
car	26.52

(a) Calculate the range of these costs.

(2)

£ _____

Zane buys a standard class train ticket.
He uses a 15% discount voucher.

(b) How much money does he save with this voucher?

(2)

£ _____

(Total for Question 4 is 4 marks)

TOTAL FOR SECTION A IS 14 MARKS

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