

Please check the examination details below before entering your candidate information

Candidate surname

Other names

Centre Number

Candidate Number

Functional Skills Level 1 Mock 3

Time: 15 minutes

Mathematics

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 your 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 8
- 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 ►

- 1 John works Monday to Friday.
He buys his lunch on his way to work.

Each day John buys a sandwich, a bottle of water and a bag of crisps.

Shop A	
any sandwich	£2.85
a bottle of water	60p
a bag of crisps	85p

Shop B	
£3 meal deal	
any sandwich	
a bottle of water	
a bag of crisps	

John thinks he will save more than £7.50 a week if he buys his lunch each day from shop B instead of shop A.

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

(4)

2 Alan works at a warehouse in Runcorn.

A furniture company needs deliveries from

- Runcorn to Liverpool
- Runcorn to Nantwich.

Alan needs to work out the total delivery charge for these deliveries.
He uses this map.



Scale 1 cm on the map is 10 km on the ground

Alan uses these delivery charges.

distance from Runcorn	charge (£)
less than 20 km	9.99
20 km – 35 km	14.99
over 35 km	24.49

Work out the total delivery charge.
Show how you get your answer.

(4)

£