

# FUNCTIONAL SKILLS MATHS LEVEL 2

## PAST PAPER IN STYLE OF EDEXCEL



### PAPER 1 VERSION 1 SECTION A (NON CALCULATOR)

Candidate surname:

Other names:

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


**SIGNATURE:**

### INSTRUCTIONS

**Time: 25 minutes**

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name.
- Sign the declaration.
- Answer **all** questions.
- Write your final answers in the boxes provided.
- You **must** clearly show how you get your answers in the spaces provided. Marks will be awarded for 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  $\pi = 3.14$ .

### INFORMATION

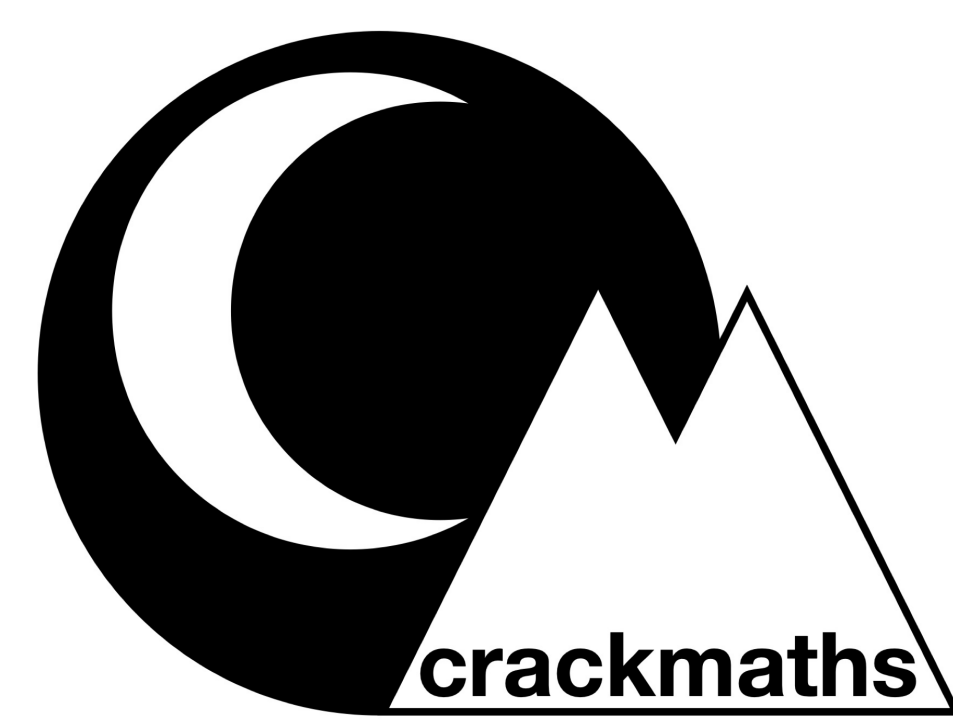
- Total marks for this section is 16.
- The marks for **each** question are shown in brackets.
- This sign  shows where marks will be awarded for showing your checks.

### ADVICE

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

# NON - CALCULATOR

Answer All questions. Write your answers in the spaces provided



1. Susan drives to work.  
At the end of her street are a set of traffic lights.  
The traffic lights are either on Green, Amber or Red.

Last week when she approached them she found

- $\frac{1}{2}$  of the time they were green
- $\frac{2}{5}$  of the time they were red

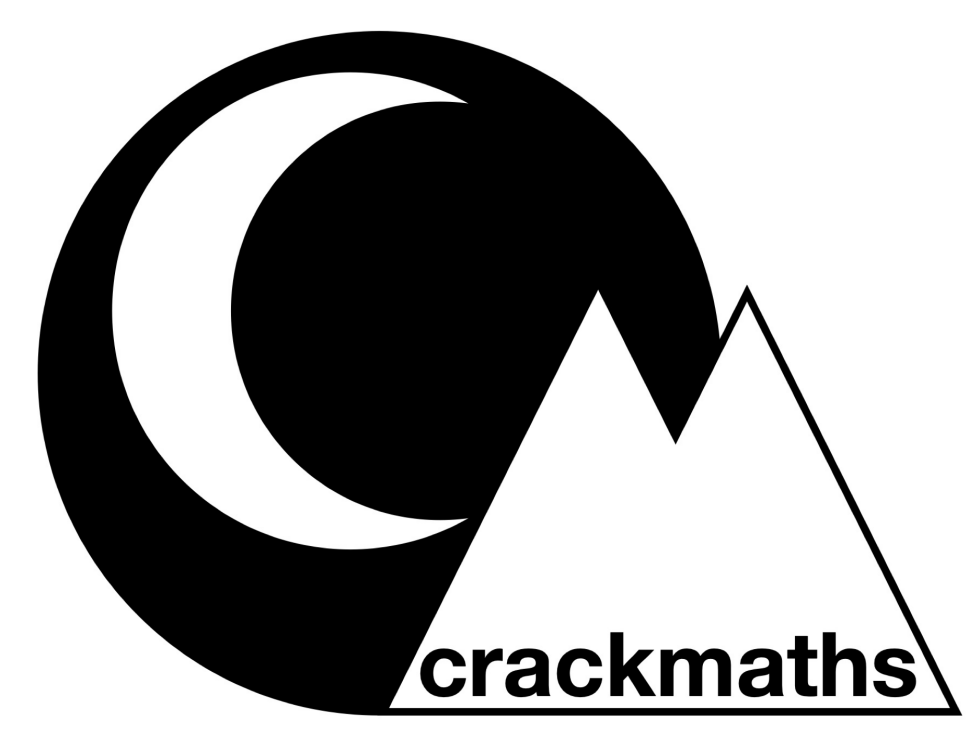
What fraction of the time were they on Amber?

(3)

(Total for Question 1 is 3 marks)

# NON - CALCULATOR

Answer All questions. Write your answers in the spaces provided



2. (a) Work out  $2.3 \times 7.9$

(2)

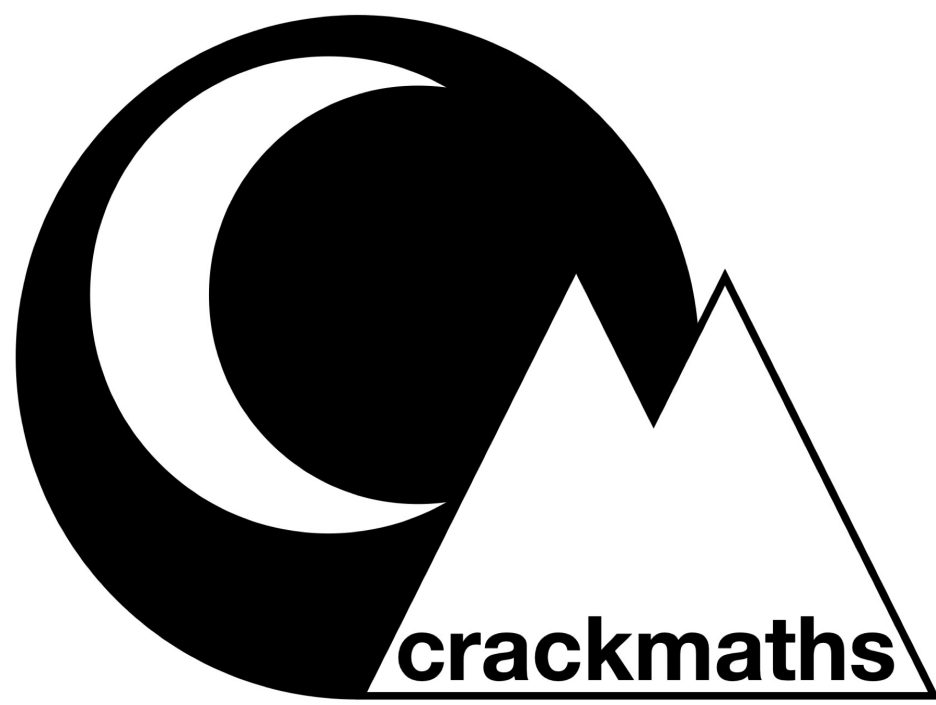
(b) Use estimation to show a check of your working

(1)

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(Total for Question 2 is 3 marks)





Answer All questions. Write your answers in the spaces provided

3. Rizwan’s company has two offices.  
One in Birmingham and one in London.  
Rizwan is told to review the way employees travel to work.
- Rizwan presents his findings in a two way table.

		Commuting method			
		Car	Bus	Train	Total
City	Birmingham		20	35	100
	London	8			
	Total		24		200

(a) Complete the two way table (2)

Rizwan is told to look at the people who travel to the office by train and bus.

(b) What is the probability that these people work at the London office? (2)

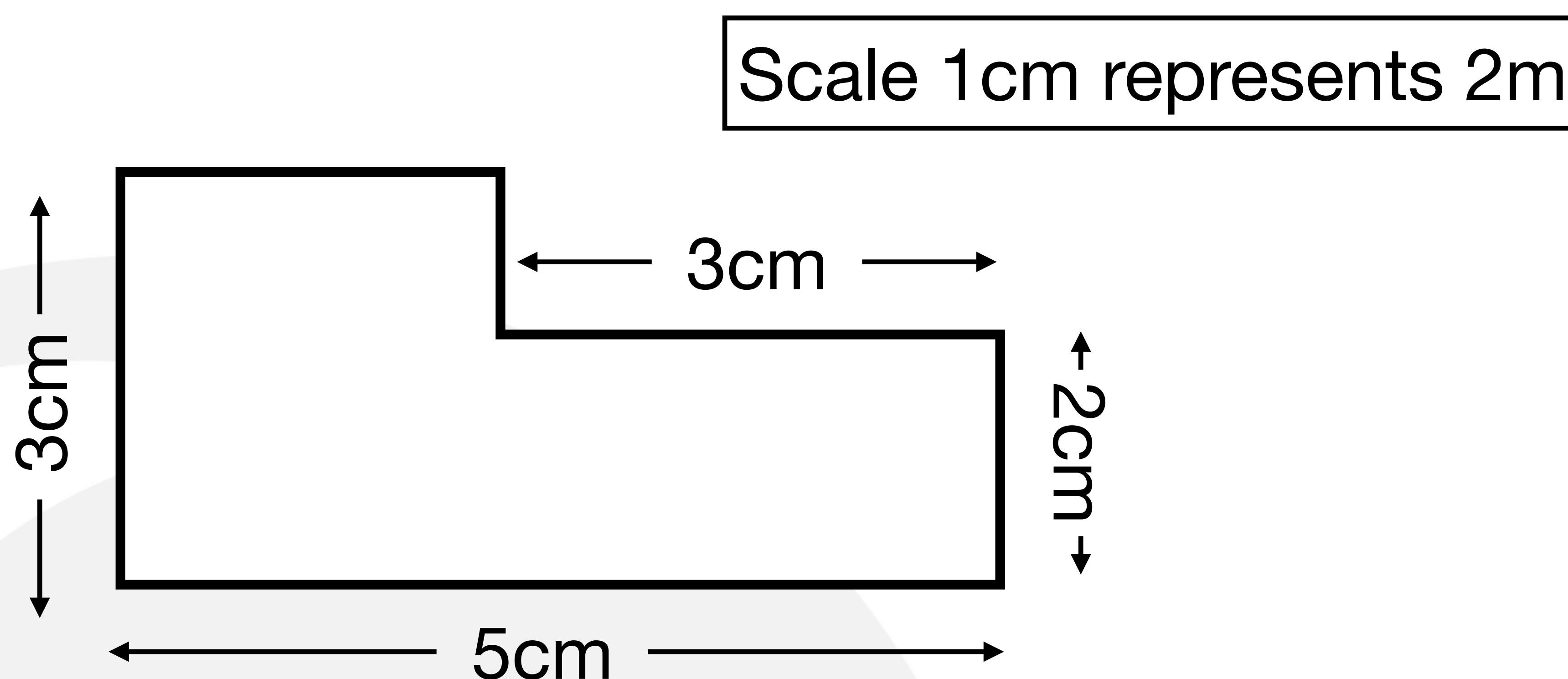
(Total for Question 3 is 4 marks)

# NON - CALCULATOR



Answer All questions. Write your answers in the spaces provided

4. Jay needs to buy grass seed for his lawn.  
Here is a scale drawing of the lawn



A box of grass seed covers  $10\text{m}^2$ .  
Jay thinks he will need 6 boxes.

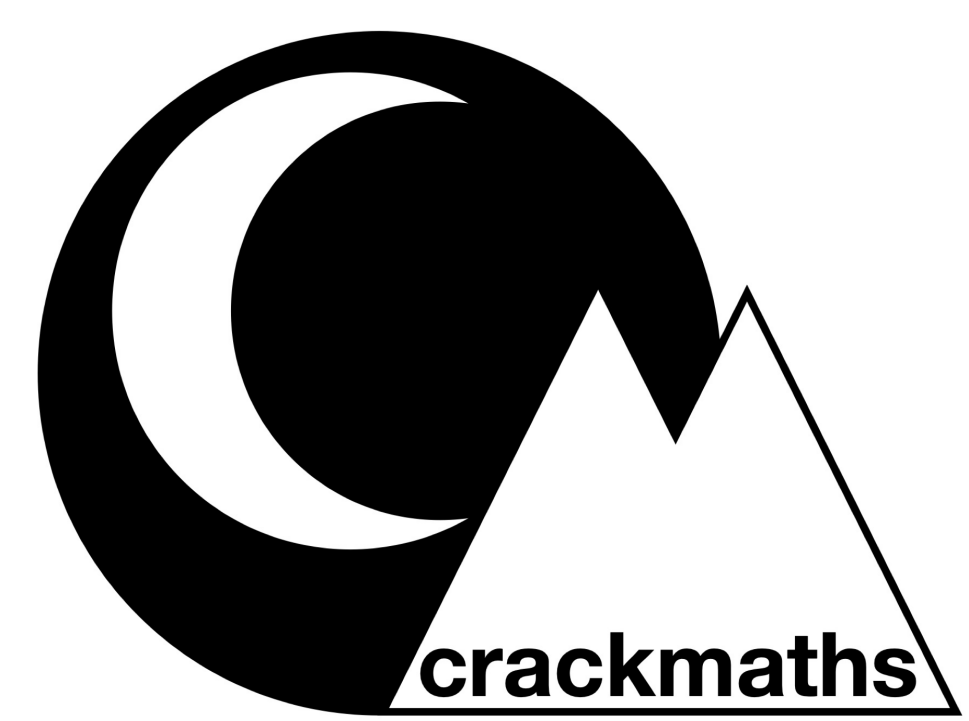
Is Jay correct?  
You **must** show your working

(6)

(Total for Question 4 is 6 marks)

# NON - CALCULATOR

Answer All questions. Write your answers in the spaces provided



4.



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(Total for Question 4 is 6 marks)

**TOTAL FOR SECTION A IS 16 MARKS**