

Duration: 25 minutes Total marks: 15 marks

SECTION 1 – CALCULATOR NOT PERMITTED

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Assessment date (DDMMYYYY)									Centre number								Candidate signature and declaration*										

*I declare that I had no prior knowledge of the questions in this assessment and that I will not share information about the questions.

Please check that your name is correctly printed on the candidate barcode label. If not, please tell the invigilator before the start of the exam.

You should have the following for this assessment:

- a pen with black or blue ink
- a pencil
- an eraser
- a 30cm ruler.

You must NOT use a protractor. You must NOT use a calculator for Section 1.

General instructions

- Read through each question carefully.
- You may use a dictionary.
- Write all your answers in this booklet.
- Check your calculations and check that your answers make sense.





Please note that these worked solutions have neither been provided nor approved by City & Guilds 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



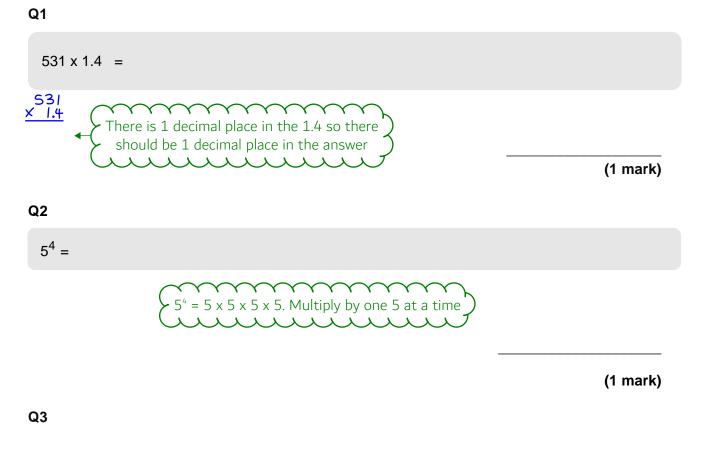
SECTION 1 – CALCULATOR NOT PERMITTED

There are **15** marks available in this section.

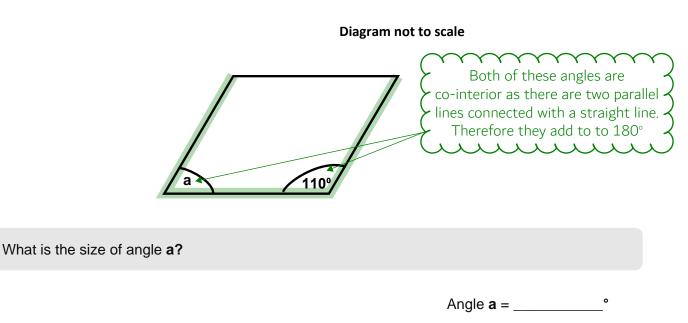
You should check all your work as you go along.

You must **not** use a calculator in this section.





The following diagram shows a parallelogram.





Q4

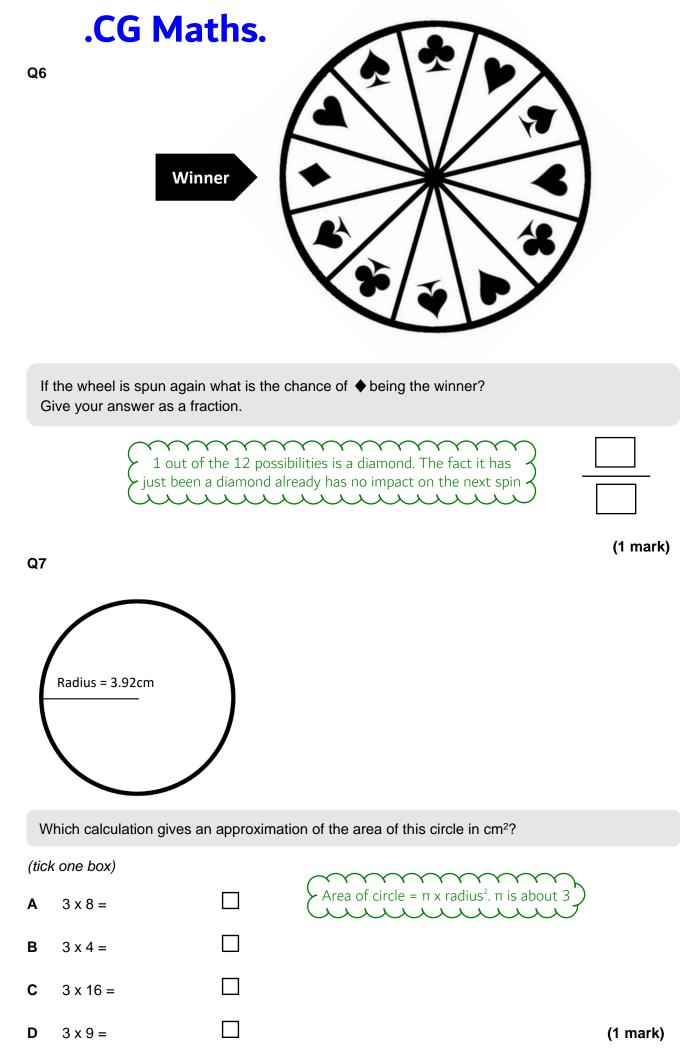
Which one of the following works out to the largest number? (tick one box) A $\frac{3}{4} \times 8 =$ B $\frac{2}{6} \times 12 =$ C $\frac{3}{2} \times 10 =$ D $\frac{3}{12} \times 36 =$ (1 mark)

Q5

What is 52% as a fraction in its lowest terms?

Percentage is out of 100 so as a fraction 52% is 52/100. Simplify it by dividing both the numerator and denominator by the same amount until they cannot be divided any more without getting decimals

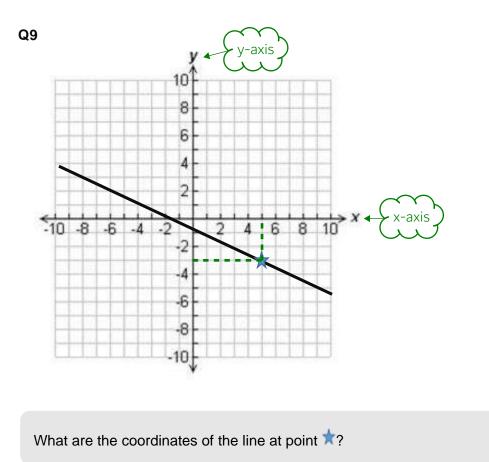
(1 mark)

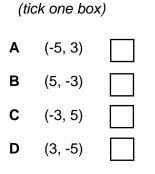


Calculate
$$\frac{8-4^2}{8}$$
 =



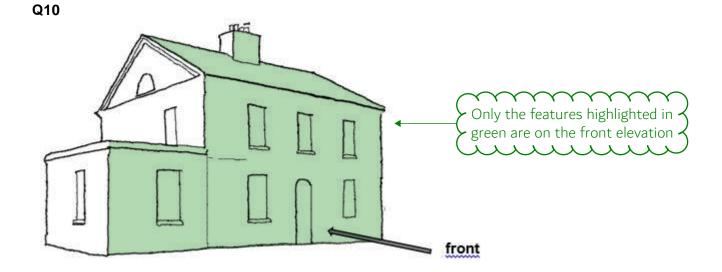
(1 mark)





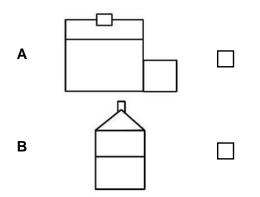


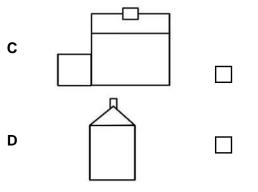
(1 mark)



Which one of the following is the front elevation of the house from the view shown?

(tick one box)





(1 mark)

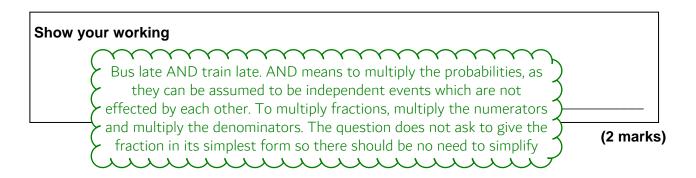
Q11

A commuter uses a bus and a train to get to work.

The train is more than 5 minutes late 1/6 of the times they use it

The bus is more than 5 minutes late 3/5 of the times they use it

What is the probability that **both** the bus and train will be more than 5 minutes late?



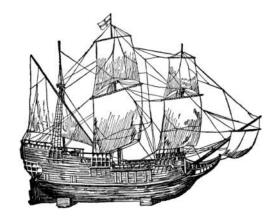
Q12

A model maker wants to make a model of a ship

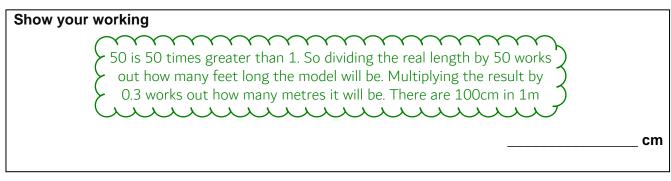
He will use a scale of 1:50

The ship was 100ft long

1 foot = 0.3 m



How long will the model ship be in cm?



(3 marks)

End of Section 1