

**Number and Measure**  
**Level 1**  
**Section A (Calculator)**

**Thursday 3 May 2018 – Morning**

**Time: 1 hour plus your additional time allowance.**

**In the boxes below, write your name, centre number and candidate number.**

<b>Surname</b>					
<b>Other names</b>					
<b>Centre Number</b>					
<b>Candidate Number</b>					

**YOU MUST HAVE**

**Ruler, protractor, writing and drawing equipment.  
Calculator.**

**YOU WILL BE GIVEN**

**Diagram Book**

**INSTRUCTIONS**

**Answer ALL questions.**

**Answer the questions in the spaces provided in this Question Paper or on the separate diagrams – there may be more space than you need.**

**CALCULATORS MAY BE USED.**

**If your calculator does not have a  $\pi$  button, take the value of  $\pi$  to be  $3.142$  unless the question instructs otherwise.**

## **INFORMATION**

**The total mark for this section is 50**

**The marks for EACH question are shown in brackets  
– use this as a guide as to how much time to spend on  
each question.**

**There may be spare copies of some diagrams.**

## **ADVICE**

**Read each question carefully before you start to  
answer it.**

**Keep an eye on the time.**

**Try to answer every question.**

**Check your answers if you have time at the end.**

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## **Section A**

**Answer ALL questions.**

**Write your answers in the spaces provided.**

**You must write down ALL the stages in your working.**

- 1. Look at the diagram for Question 1 in the Diagram Book.**

**It shows some numbers.**

**From these numbers,**

- (a) write down a multiple of 9**  
**(1 mark)**

\_\_\_\_\_

- (b) write down a prime number**  
**(1 mark)**

\_\_\_\_\_

- (c) write down a common factor of 14 and 28**  
**(1 mark)**

\_\_\_\_\_

**(Total for Question 1 is 3 marks)**

2. (a) Work out

**3 kg 400 grams + 4 kg 650 grams – 2 kg 450 grams**  
(2 marks)

\_\_\_\_\_

(b) Change **7400** centimetres to metres.  
(1 mark)

\_\_\_\_\_ metres

**(Total for Question 2 is 3 marks)**

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**3. Use your calculator to work out**

**(a)  $9 \cdot 7 + 35 \cdot 28 - 12 \cdot 92$**

**(1 mark)**

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**(b)  $19 \cdot 2 \times 4 \cdot 5$**

**(1 mark)**

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**(continued on the next page)**

3. continued.

(c)  $7.92 \div 1.5$

(1 mark)

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**(Total for Question 3 is 3 marks)**

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**4. Polly bought**

**3 balls of wool at £3·65 each ball**

**4 buttons at 35 pence each button**

**1 knitting pattern at £2·49**

**She paid with a £20 note.**

**How much change should Polly get?**

**£ \_\_\_\_\_**

**(Total for Question 4 is 4 marks)**

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5. Look at the table for Question 5 in the Diagram Book. It shows part of a calendar for February 2018 marked up until the 10th. The rest of the calendar is blank.

- (a) What day of the week is the 26th February 2018?  
(1 mark)

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(continued on the next page)

**5. continued.**

**Edward had a 2 week holiday.**

**His holiday ended on the 5th February 2018**

**(b) On which date did his holiday start?**

**(2 marks)**

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**(Total for Question 5 is 3 marks)**

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6. (a) Write  $\frac{4}{5}$  as a decimal.  
(1 mark)

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- (b) Work out  $\frac{3}{8}$  of 720  
(2 marks)

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- (c) Find 30% of 540  
(2 marks)

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(continued on the next page)

6. continued.

(d) Write **634** to the nearest **100**

(1 mark)

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(e) Write **6.47** correct to one decimal place.

(1 mark)

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(Total for Question 6 is 7 marks)

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7. How many weeks and days is 65 days?

\_\_\_\_\_ weeks \_\_\_\_\_ days

(Total for Question 7 is 2 marks)

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8. Look at the table for Question 8 in the Diagram Book.

The distance chart gives the distances, in kilometres, between five cities.

- (a) Write down the distance between Salisbury and Bath.

(1 mark)

\_\_\_\_\_ kilometres

(continued on the next page)

**8. continued.**

**Zia drives**

**from Exeter to Plymouth**

**then from Plymouth to Truro**

**then from Truro to Exeter**

**(b) Work out the total distance Zia drives.**

**(2 marks)**

\_\_\_\_\_ kilometres

**(Total for Question 8 is 3 marks)**

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**Turn over**



9. The table below gives information about the types of vehicle that Victoria saw go past her house one morning.

Type of vehicle	Frequency
Car	8
Lorry	2
Bicycle	6
Van	3
Motorbike	5

- (a) Look at the diagram for Question 9 in the Diagram Book.

On the grid, draw a bar chart to show this information.

(3 marks)

- (b) Which type of vehicle did Victoria see most often?  
(1 mark)

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(Total for Question 9 is 4 marks)

**10. Look at the diagram for Question 10 in the Diagram Book.**

**It shows a clock face.**

**(a) Show a time of quarter to two on the clock.  
(2 marks)**

**James woke up at quarter past six one morning.  
He left for work **75** minutes later.**

**(b) At what time did James leave for work?  
(2 marks)**

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**(Total for Question 10 is 4 marks)**

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**Turn over**

**11. Look at the table for Question 11 in the Diagram Book.**

**It shows some information about four breeds of hen.**

**(a) Which breed of hen has the greatest average weight?**

**(1 mark)**

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**(b) Which breed of hen lays small eggs?**

**(1 mark)**

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**(continued on the next page)**

11. continued.

(c) Which two breeds of hen lay brown eggs?  
(1 mark)

\_\_\_\_\_ and \_\_\_\_\_

(Total for Question 11 is 3 marks)

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**12. Look at the diagram for Question 12 in the Diagram Book.**

**It shows a cuboid.**

**The dimensions of the cuboid are:**

**length 5 cm, width 4 cm and height 12 cm**

**Work out the volume of the cuboid.**

\_\_\_\_\_  $\text{cm}^3$

**(Total for Question 12 is 2 marks)**

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13. Mr Jones buys a pack of **24** bread rolls for **£3·40**  
The **24** bread rolls in the pack are all the same.

What is the cost of one of these bread rolls?

Give your answer to the nearest penny.

\_\_\_\_\_ pence

(Total for Question 13 is 2 marks)

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**14. Look at the diagram for Question 14 in the Diagram Book.**

**It shows a shape made from two rectangles.**

**Work out the total area of the shape.**

\_\_\_\_\_  $\text{cm}^2$

**(Total for Question 14 is 3 marks)**

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**15. Look at the information for Question 15 in the Diagram Book.**

**It shows part of Mary's mobile phone bill for March 2018**

**Work out the total cost that Mary has to pay for March 2018**

**(4 marks)**

**Answer space continues on the next page.**



15. continued.

£ \_\_\_\_\_

(Total for Question 15 is 4 marks)

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**TOTAL FOR SECTION A IS 50 MARKS**

**END OF PAPER**

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