

Number and Measure
Level 2
Section B
(Non-Calculator)

Tuesday 7 January 2020 – Morning

Time: 30 minutes plus your additional time allowance.

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

Surname					
Other names					
Centre Number					
Candidate Number					

YOU MUST HAVE

Ruler, protractor, writing and drawing equipment.

INSTRUCTIONS

Answer ALL questions.

Answer the questions in the spaces provided in this Question Paper – there may be more space than you need.

CALCULATORS MUST NOT BE USED.

INFORMATION

The total mark for this section is 30

The total mark for this paper is 80

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

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.

Section B

Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

You must NOT use a calculator for this section.

1. Write these seven numbers in order of size.

Start with the smallest number.

-5 6 -3 3 5 -4 -1

(Total for Question 1 is 1 mark)

2. (a) Work out

$$7 \cdot 6 + 62 \cdot 35 + 470 - 16 \cdot 83$$

(2 marks)

(continued on the next page)

2. continued.

(b) Work out

$$26.53 \times 7$$

(2 marks)

(Total for Question 2 is 4 marks)

3. Write

17 as a fraction of 30

(Total for Question 3 is 1 mark)

4. 8 identical tins of cat food cost £2.40

What is the cost of 9 of these tins of cat food?

(Total for Question 4 is 3 marks)

5. Divide

132 in the ratio 4 : 7

(Total for Question 5 is 2 marks)

6. In one day, a vet sees **24** dogs and **16** cats.

Write as a ratio the number of dogs to the number of cats.

Give your answer in its simplest form.

(Total for Question 6 is 2 marks)

7. Which is larger

$$\frac{2}{3} \text{ of } 69$$

or

$$\frac{1}{4} \text{ of } 192?$$

You must show your working.

(Total for Question 7 is 3 marks)

Turn over

8. The price of a cabinet is £160

In a sale, the price is reduced by 15%

Work out the price of the cabinet in the sale.

£ _____

(Total for Question 8 is 3 marks)

9. (a) Work out

$$3\frac{1}{6} + 3\frac{5}{12}$$

(2 marks)

(continued on the next page)

9. continued.

(b) Work out

$$\frac{7}{9} \times \frac{2}{5}$$

(1 mark)

(Total for Question 9 is 3 marks)

10. Work out an estimate that could be used to check the value of

$$\frac{31.3 \times 19.7}{0.48}$$

(Total for Question 10 is 3 marks)

11. Write

210 as a percentage of 600

_____ %

(Total for Question 11 is 2 marks)

12. Work out

$$4\frac{5}{8} - 1\frac{1}{5}$$

Give your answer as a mixed number in its simplest form.

(Total for Question 12 is 3 marks)

Turn over

TOTAL FOR SECTION B IS 30 MARKS

TOTAL FOR PAPER IS 80 MARKS

END OF PAPER
