Total Marks

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

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	

Pearson

YOU MUST HAVE

Ruler, protractor, writing and drawing equipment.

YOU WILL BE GIVEN

Nil

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.

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 six numbers in order of size.

   Start with the smallest number.

   3   −1   −3   5   −2   6

   _____

   (Total for Question 1 is 1 mark)

2. **Divide 84 in the ratio $3:4$**

_____

(Total for Question 2 is 2 marks)

3.   **Write the number**

42·9945 correct to **2** decimal places.

_____

(Total for Question 3 is 1 mark)

4.   (a) **Work out**

12 750 ÷ 75

(2 marks)

_____

(continued on the next page)

4. **continued.**

    (b) **Work out**

$$2000 - 46 \cdot 8$$

    (2 marks)

_____

(Total for Question 4 is 4 marks)

5. **Work out**

$$\frac{5}{6} \times \frac{7}{9}$$

_____

(Total for Question 5 is 1 mark)

Turn over

6. The total price of a heater is **£350** plus **20%** VAT.

   Work out the total price of the heater.

   £_____

(Total for Question 6 is 3 marks)

7.　(a)　**Which is bigger,**

$$\frac{1}{4} \text{ of } 80 \text{ or } \frac{2}{3} \text{ of } 27?$$

You must show all your working.

(3 marks)

_____

Turn over

7.   continued.

(b) Write **40** as a fraction of **100**

Give your answer in its simplest form.

(2 marks)

_____

(Total for Question 7 is 5 marks)

Turn over

8. There are **12** boys and **18** girls in a class.

Write as a ratio the number of boys in the class to the number of girls in the class.
Give your answer in its simplest form.

_____

(Total for Question 8 is 2 marks)

Turn over

9. **6** pens of the same type have a total weight of **240** grams.

What is the total weight of **5** of these pens?

_____ **grams**

(Total for Question 9 is 3 marks)

10. **Using his calculator, Patrick has worked out**

$$\frac{7 \cdot 6 \times 29 \cdot 4}{0 \cdot 48}$$

His answer is $465 \cdot 5$

Using suitable approximations, check that his answer is sensible.

(Total for Question 10 is 3 marks)

11. (a) Work out

$$4\frac{3}{4} - 2\frac{1}{3}$$

(2 marks)

_____

(continued on the next page)

11. continued.

(b) Work out

$$2\frac{1}{2} \times 3\frac{2}{7}$$

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

(3 marks)

_____

(Total for Question 11 is 5 marks)

TOTAL FOR SECTION B IS 30 MARKS

TOTAL FOR PAPER IS 80 MARKS

END OF PAPER