WCCS

8+ Mathematics

SPECIMEN PAPER 2

Time allowed: 45 mins

Total marks: 100

Please read the following information carefully

- Try to answer **all** the questions in the space provided
- Remember to show your working out
- You will need to use a **ruler**
- You may **not** use a calculator

Name……

Current School……

(1) What is the value of the 3 in the number 4391?

_____ (2)

---

(2) Write the following numbers in order of size from the smallest to the largest

8162 8612 7162 7621 8216 7261

_____ (2)

---

(3) Use the column method of addition to answer the question below:

$$\begin{array}{r} 35 \\ +286 \\ \hline \\ \hline \end{array}$$

(2)

---

(4) Fill in the blank in the following calculation:

37 + _____ = 15 + 28

(2)

---

(5) Sam has 335 stamps in his collection. His father gives him another 184 stamps. How many stamps does Sam have altogether?

(2)

---

(6) Use the column method of subtraction to answer the question below:

$$\begin{array}{r} 346 \\ -\,108 \\ \hline \\ \hline \end{array}$$

(2)

---

(7) Fill in the blank in the following calculation:

$$61 + 15 = \underline{\qquad} - 3$$

(2)

---

(8) John has 316 peas on his plate. He gives 251 peas to Michael. How many peas are left on John's plate?

(2)

(9) 621 x 100

(2)

(10) 14 x 200

(2)

(11) 30 x 500

(2)

(12) Use the written method of multiplication to answer the question below:

$$\begin{array}{r} 32 \\ \times\ 6 \\ \hline \\ \hline \end{array}$$

(2)

---

(13) Fill in the answers to the following questions:

(a) 5 x 8 = _____

(b) 2 x 7 = _____

(c) 4 x 12 = _____

(d) 48 ÷ 6 = _____

(2)

---

(14) Teachers from Covent Garden Primary School go on a school trip to The Museum of London. If the teachers fill up 4 coaches and there are 21 teachers in each coach, how many teachers go on the trip altogether?

(2)

---

(15) 4200 ÷ 10

(2)

---

(16) 4800 ÷ 200

(2)

---

(17) Steven has 80 football stickers. If he gives one quarter of them to his sister, how many stickers does he have left?

_____ (2)

---

(18) Fill in the blank in the following calculation:

$$24 \times 6 = _____ \times 4$$

(2)

---

(19) Use the written method of division to answer the question below, giving a remainder in your answer if necessary. Write your final answer on the line at the bottom of the question

_____ (2)

---

(20) George has 32 toy cars. He organises them into rows. If there are 4 cars in each row, how many rows are there altogether?

_____ (2)

---

(21) Fill in the blank in the number pattern below:

6 9 12 15 _____

(2)

---

(22) Fill in the blank in the number pattern below:

5 7 11 17 _____

(2)

---

(23) Fill in the blank in the number pattern below:

64 32 16 _____ 4

(2)

---

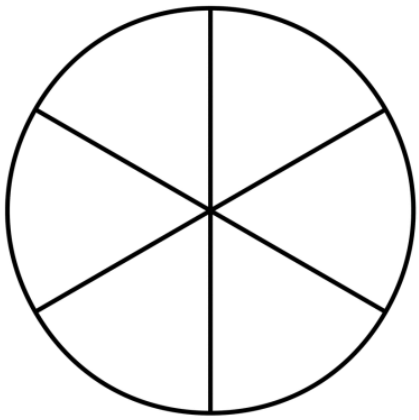
(24) Fill in the blank in the number pattern below:

1 _____ 100 1000 10,000

(2)

---

(25) Shade $\frac{2}{6}$ of the following shape



(2)

---

(26) What number should replace the * symbol so the following fractions have the same value?

$$\frac{2}{5} = \frac{*}{25}$$

_____ (2)

---

(27) Write the fraction $\frac{15}{25}$ in its simplest form

_____ (2)

---

(28) What is $\frac{1}{5}$ of £60?

_____ (2)

---

(29) What is $\frac{2}{7} + \frac{3}{7}$?

_____ (2)

---

(30) Subtract £1.40 from £7.50

_____ (2)

---

(31) Claire buys a sandwich which costs £3.35. She pays with a £10 note. How much change does she receive?

_____ (2)

---

(32) Stewart has £48.50 in his money box. If he spends £19.20 on sweets, how much money does he have left?

_____ (2)

---

(33) What is 38 rounded to the nearest 10?

_____ (2)

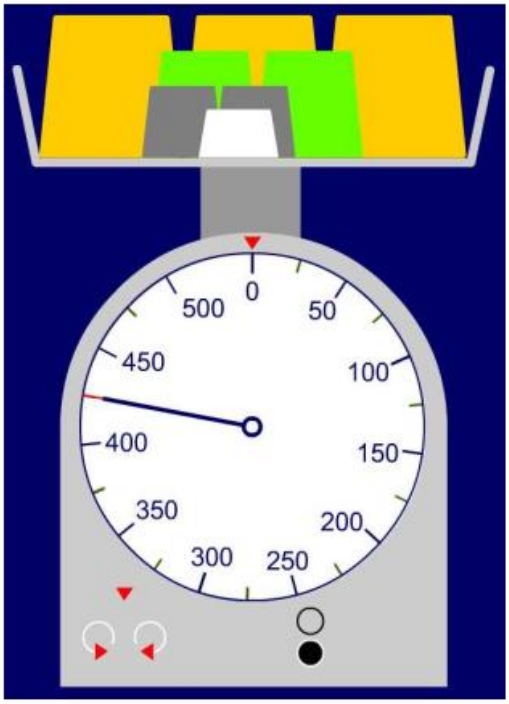
---

(34) What is 432 rounded to the nearest 100?

_____ (2)

---

(35) Write down the mass in grams shown on the scales below:



_____ (2)

(36) How many grams are there in 7 kilograms?

_____ (2)

(37) Use a ruler to measure the length of the thick black line to the nearest half-centimetre. Write your answer on the thin line below

_____ (2)

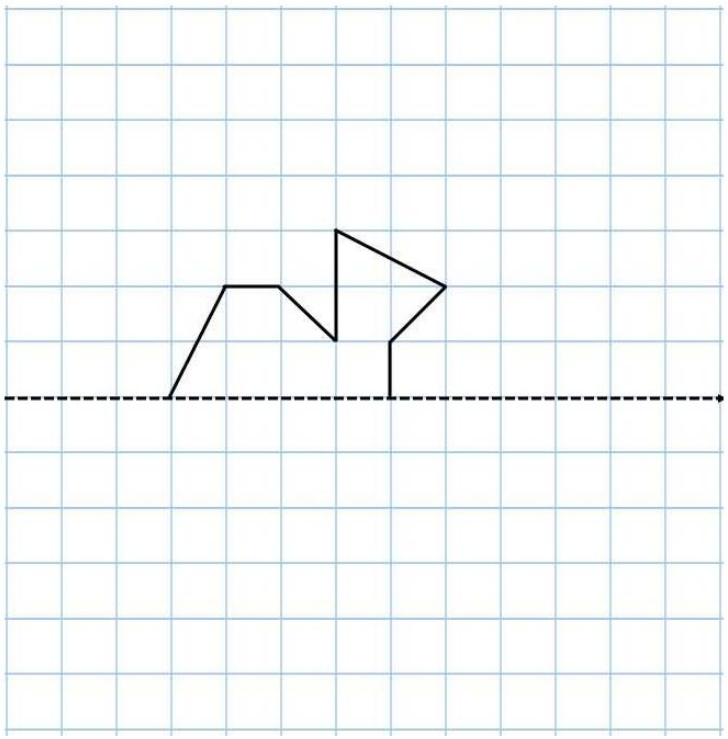
---

(38) Mr Peters went to the theatre to see 'The Mousetrap'. If the play is 2 hours and 15 minutes long and finished at 9pm, at what time did the play start?

_____ (2)

---

(39) Draw the mirror image of this shape on the grid below.



(2)

---

(40) A bowl of sweets contains only gobstoppers, fizzers, wine gums and chew-its. Half of the sweets are gobstoppers. There are also 4 fizzers, 2 wine gums and 3 chew-its.

How many sweets are there in the bowl altogether?

_____ (2)

---

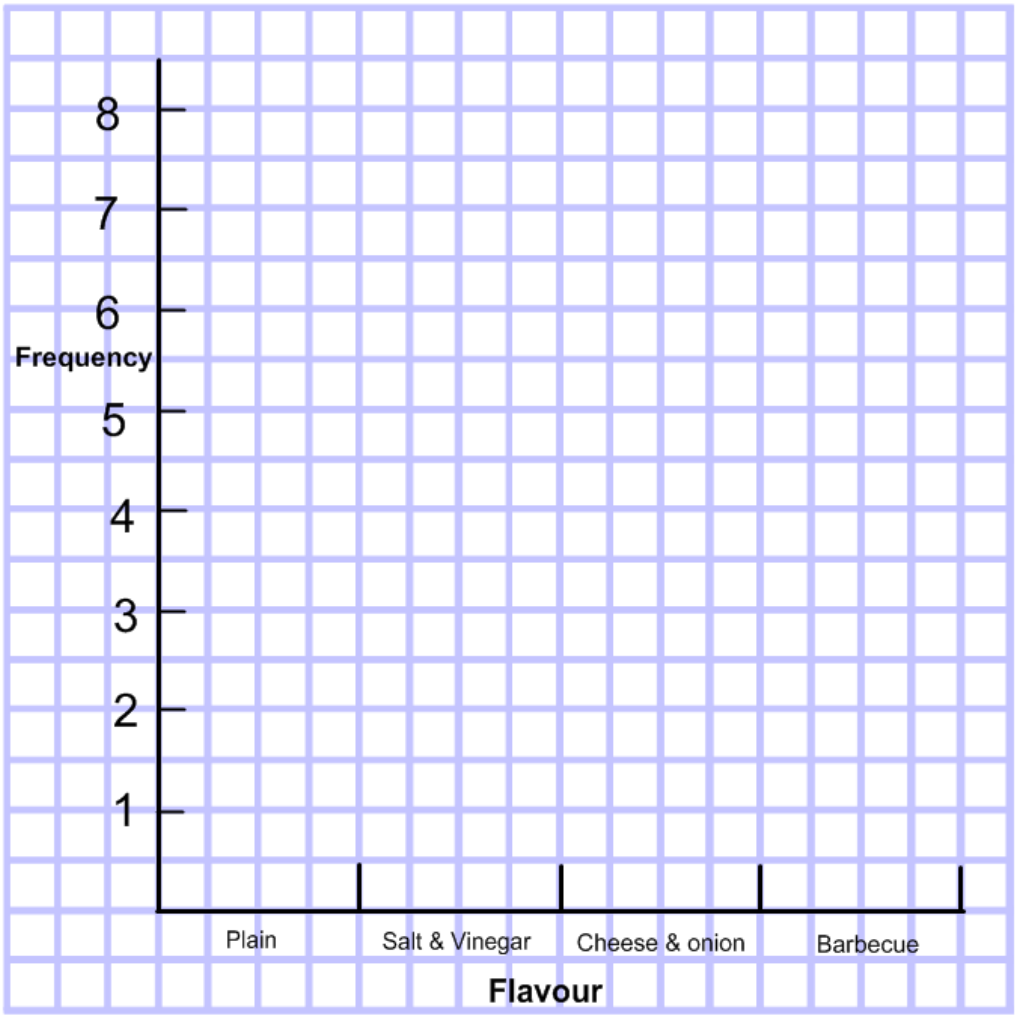
(41) Daniel asked his friends to name their favourite flavour of crisps.

He collected his results in the frequency table below.

Flavour	Tally	Frequency
Plain	IIII	
Salt & Vinegar	II	
Cheese & Onion	III	
Barbecue	𝍸 III	

(a) Fill in the column marked 'frequency' in the table above. (2)

(b) Use the data in this frequency table to draw a bar chart on the grid below.



(4)

(42) Tickets for the circus cost £8 for a child and £15 for an adult.

If Mr White has £50 and then buys tickets for himself and 3 pupils, how much money does he have left over?

_____ (2)

---

(43) I have a packet of biscuits which contains less than 30 biscuits.

If I put them into piles of 2, I have none left over.

If I put them into piles of 3, I have one left over.

If I put them into piles of 4 or 5, I have two left over?

How many biscuits do I have?

_____ (2)

---

(44) It takes Mr Black exactly 35 minutes to walk to the football stadium from his house. If the football match starts at 7.15pm, what is the latest time he can leave home?

_____ (2)

---

(45) Paul is 12cm taller than Claire. Mike is 15cm shorter than Paul. Claire is 118cm tall. How tall is Mike?

Give your answer in centimetres

(2)

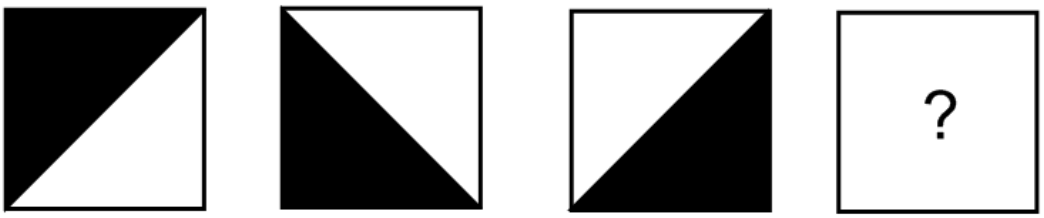
_____

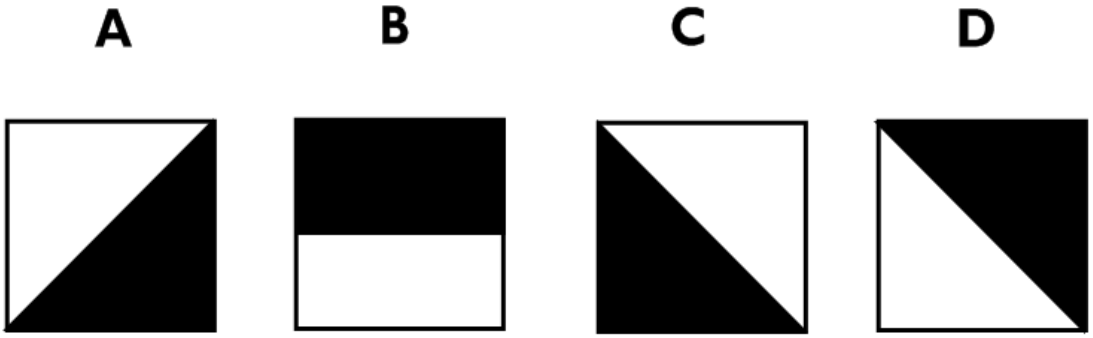
---

(46) Eight fence posts are equally spaced along a fence. The distance from the first to the fourth is 45m. How far is it from the first post to the last post?

(2)

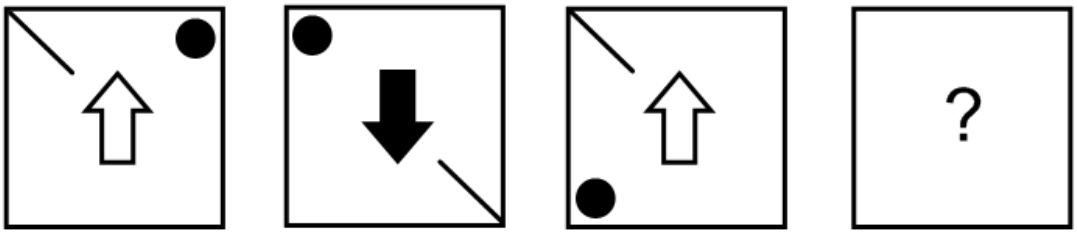
(47) Write down the letter of the box which comes next in the sequence.

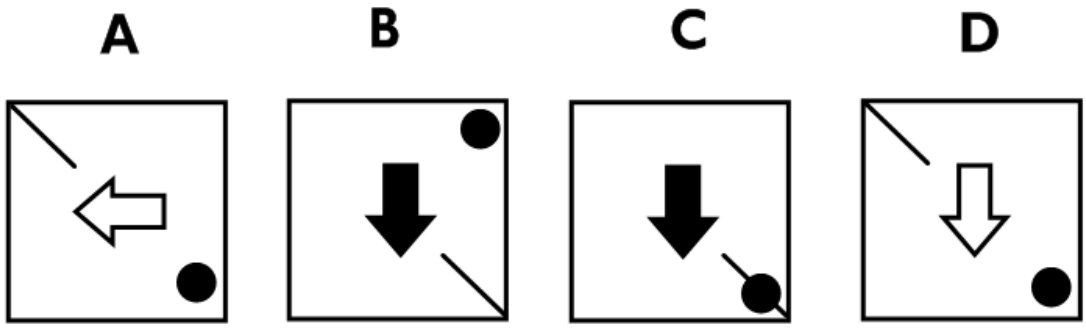




(2)

(48) Write down the letter of the box which comes next in the sequence.





_____ (2)