WCCS

7+ Mathematics

SPECIMEN PAPER

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 35?

_____ (2)

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

714 82 306 94

_____ (2)

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(3) Write the number 437 in words:

_____ (2)

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

3 + _____ = 10

(2)

---

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

8 + _____ = 10

(2)

---

(6) Fill in the answer to the following calculation:

$$9 + 8 = _____$$

(2)

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(7) Fill in the answer to the following calculation:

$$17 + 8 = _____$$

(2)

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(8) Fill in the answer to the following calculation:

$$38 + 67 = _____$$

(2)

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

$$_____ + 8 = 25$$

(2)

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(10) Fill in the answer to the following calculation:

$$34 - 6 = _____$$

(2)

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(11) Fill in the answer to the following calculation:

$$87 - 24 = _____$$

(2)

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

$$48 - _____ = 29$$

(2)

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

$$12 + _____ = 19 + 6$$

(2)

---

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

$$36 - _____ = 15 + 7$$

(2)

---

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

$$46 = _____ + 15 + 22$$

(2)

---

(16) Fill in the answer to the following calculation:

$$9 \times 2 = _____$$

(2)

---

(17) Fill in the answer to the following calculation:

$$5 \times 7 = _____$$

(2)

---

(18) Fill in the answer to the following calculation:

$$45 \div 5 = _____$$

(2)

---

(19) Fill in the answer to the following calculation:

$$240 \div 10 = _____$$

(2)

---

(20) Fill in the answer to the following calculation:

$$84 \div 2 = _____$$

(2)

---

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

$$_____ \div 8 = 2$$

(2)

---

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

$$60 \div _____ = 12$$

(2)

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(23) Sam has 12 toy cars and John has 11 toy cars. How many toy cars do they have altogether?

(2)

---

(24) Michael has 8 fewer biscuits than Dominic. If Michael has 25 biscuits, how many does Dominic have?

(2)

(25) Simon has 30 doughnuts. He decides to share them out equally between *himself and his four friends*. How many doughnuts do they each get?

_____ (2)

(26) Mr White has 5 sports bags. Each bag has 8 footballs in it. How many footballs does he have altogether?

(2)

_____

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

1 3 5 7 _____

(2)

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

9 13 17 21 _____

(2)

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

5 6 8 11 _____

(2)

---

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

80 40 20 10 _____

(2)

---

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

30 28 24 18 _____ 0

(2)

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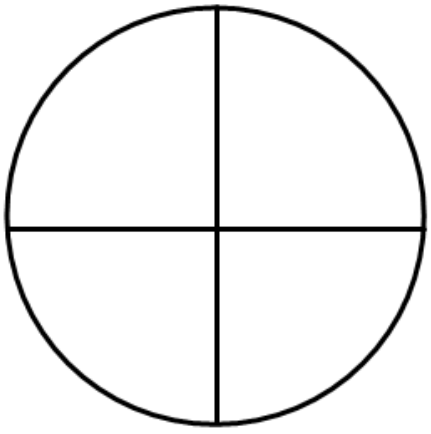
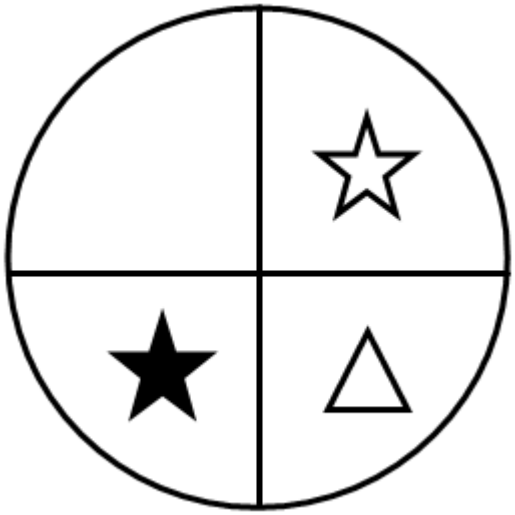
(32) Shade $\frac{3}{4}$ of the following shape:



(2)

(33) The circle below is divided into four equal sections.



(a) What fraction of the circle has a star in it?

_____ (2)

(b) What fraction of the circle has a black star in it?

_____ (2)

(c) What fraction of the circle has a shape in it?

(2)

_____

(34) Freddie had 12 biscuits. He gives one quarter of these to his sister Claire. How many biscuits does he have left for himself?

_____ (2)

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(35) John has £1.40 in his pocket and Louis has 70p. How much money do they have together?

_____ (2)

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(36) George buys a slice of cake which costs £2.60. He pays with a £5 note. How much change does he receive?

_____ (2)

(37) Albert has £4.50 in his money box. A slice of pizza costs 90p. If he buys two slices of pizza, how much money does he have left?

_____ (2)

(38) What is 23 rounded to the nearest 10?

_____ (2)

(39) What is 87 rounded to the nearest 10?

_____ (2)

(40) How many centimetres are there in 2½ metres?

_____ (2)

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(41) Circle the measurement which is closest to the height of a classroom door.

83m 200cm 8cm ½ a metre

(2)

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(42) Write down the time shown on the following clock faces using digital time.

e.g. 9:15

(a)

_____ : _____

(b)

_____ : _____

(2)

(

43) Change the following periods of time into the given units:

(a) $\frac{1}{2}$ an hour → _____ minutes …….

(b) 2 days → _____ hours …….

…….

(2)

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(44) It takes Max 15 minutes to walk to the cinema. The film he is going to see starts at 7.30pm. What time does he need to leave his house to arrive in time for the start of the film?

_____ (2)

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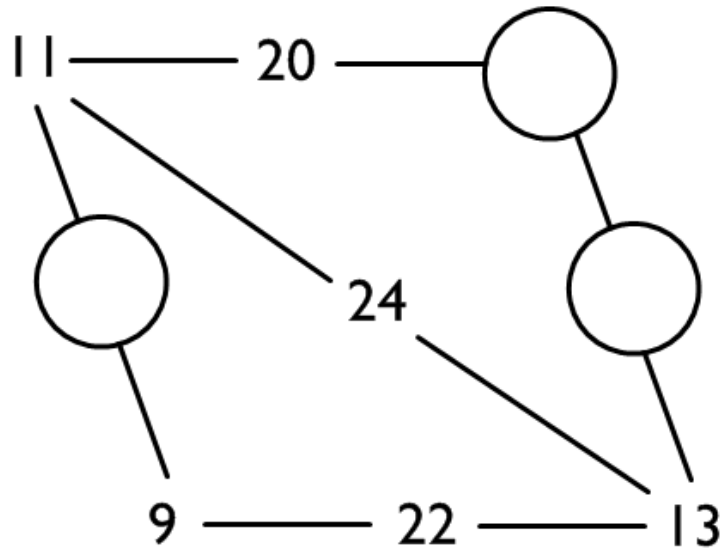
(45) Have a look at the picture below. All the numbers on a straight line follow the same rule. Try to work out the rule and use it to fill in the 3 missing numbers in the picture.



_____ (2)

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(46) Michael has 5 coins which are ***all different***. Each is worth less than a pound. What is the difference between the greatest amount of money he could have and the smallest amount of money he could have?

_____ (2)

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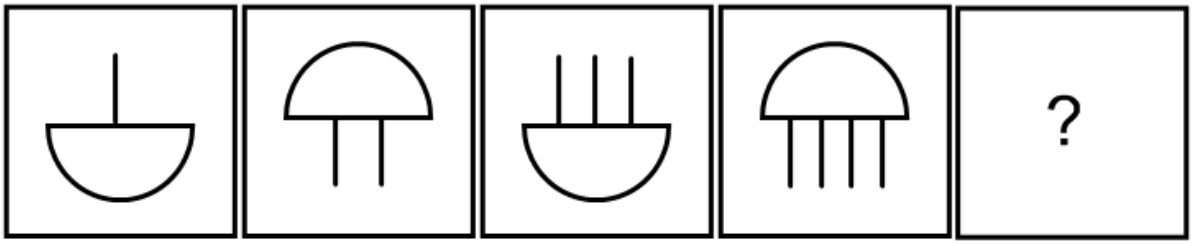
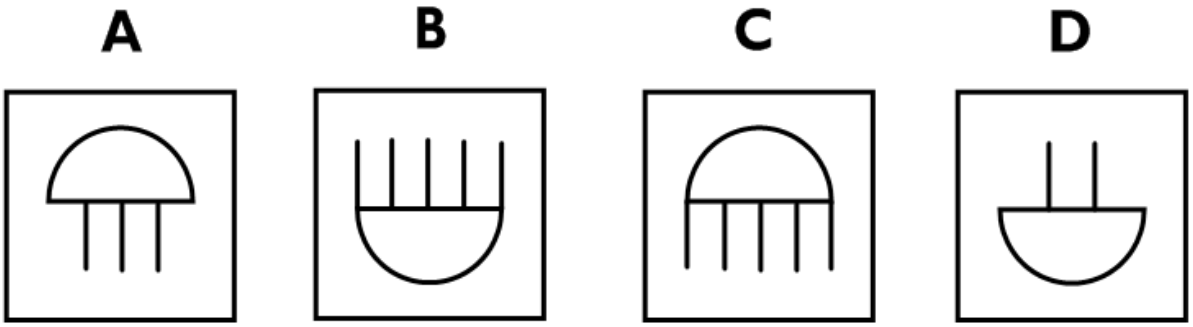
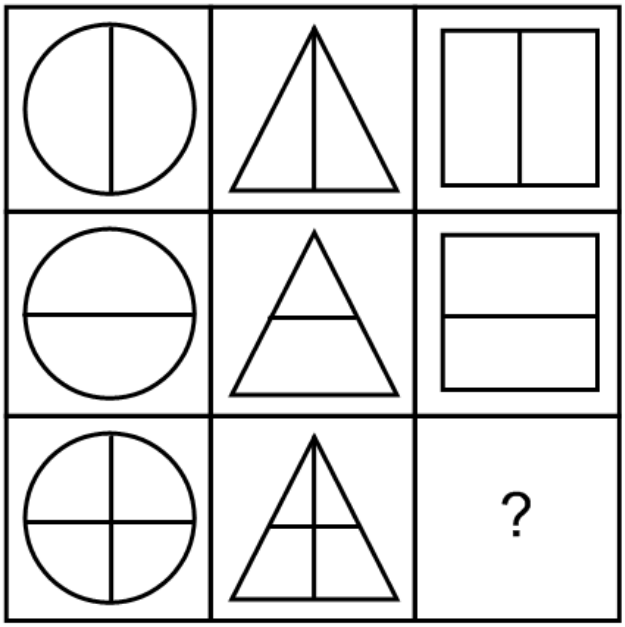
(47) Write down the letter of the box which comes next in the sequence.

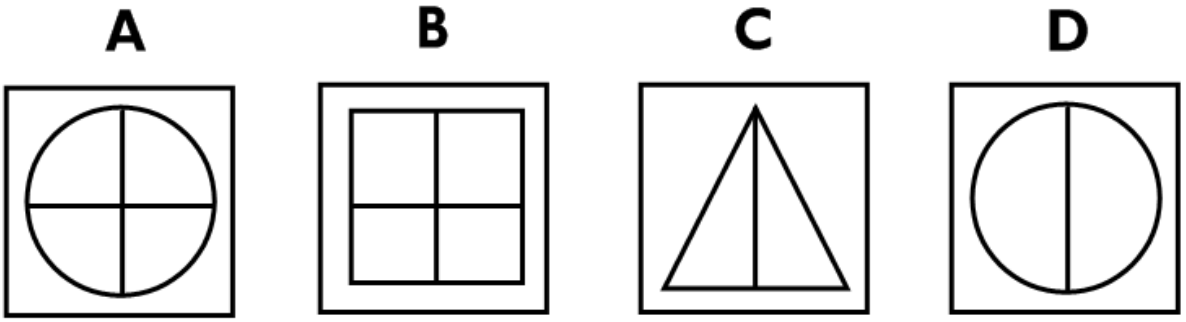




_____ (2)

(48) Write down the letter of the little box which completes the pattern in the big box.





_____ (2)