Surname	
Other Names	
Candidate's Signature	

GCSE 9 - 1 Questions

Arithmetic

Calculator Not Allowed

INSTRUCTIONS TO CANDIDATES

- Write your name in the space provided.

- Write your answers in the spaces provided in this question paper.

- Answer ALL questions.

- Any working should be clearly shown in the spaces provided since marks may be awarded for partially correct solutions.

- You should have a ruler, compass and protractor where required.

Total Marks :

1) Using each of the digits 6, 8, 7, 5

    (i)   write down the largest 4-digit even number,

                                              Answer _____ [1]

    (ii) write down the smallest 4-digit odd number.

                                              Answer _____ [1]

2) A chocolate bar costs 72p.

Ruth buys 4 of these chocolate bars.

How much change should she receive from £5?

                                      Answer _____[2]

3) Write down in figures the number four thousand and nineteen

                                      Answer _____[1]

4)

23	75	44
50	12	47
14	49	24

(a) From the numbers in the grid, write down

  (i) two numbers with a total of 70,

  Answer _____ , _____ [1]

  (ii) two numbers with a difference of 30,

  Answer _____ , _____ [1]

(b) What is the biggest number you can get by multiplying any two numbers in the grid?
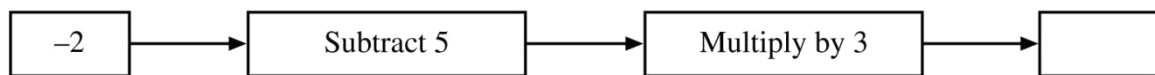
  Answer _____[2]

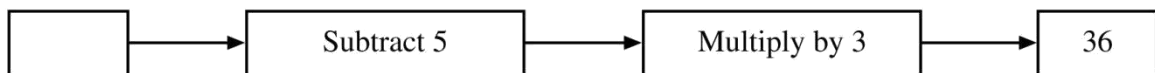5) Write down the number forty-one thousand and twenty-two in figures.

  Answer _____[1]

6) **(a)** Calculate $272 \div 8$

Answer _____[1]

(b) Complete the function boxes below.

−2	→	Subtract 5	→	Multiply by 3	→	

[1]

	→	Subtract 5	→	Multiply by 3	→	36

[1]

7) Ann has £10 to buy notebooks at 85p each.

What change should she get if she buys as many as possible?

Answer _____[3]

8)(a) Work out $500 - 272$

Answer _____ [2]

(b) Write 26 million in figures.

Answer _____ [1]

9) (a) Write in figures the number three hundred thousand and twenty four.

Answer _____[1]

(b) Calculate $24 \div 6 - 3$

Answer _____[1]

(c) Write down the **second largest** number which could be made using all of the four digits 1, 5, 7, 3

Answer _____ [1]

10) The Battle of Waterloo ended in 1815. Malak was born in 2007. How many years before Malak was born did the battle end?
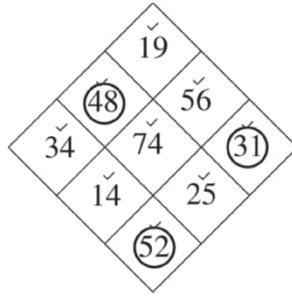
Answer _____[2]

11)

Date	Number of file blocks in school storeroom	Number given out to pupils	Number brought in from supplier
1 Sept	1000	0	0
2 Sept		548	0
3 Sept		102	500
4 Sept		64	0
5 Sept		0	0

There were 1000 file blocks in a school storeroom on 1 September. The table shows the number of file blocks given out and brought in. Calculate the number of file blocks in the storeroom on the 5 September.

Answer _____[3]

12)

(a) On the board 3 rubber rings are caught on the hooks above the numbers shown. What total score was achieved?

Answer _____ [1]

(b) Which numbers on the board are multiples of 7?

Answer _____ [1]

(c) Write down a square number from the board.

Answer _____ [1]

(d) Calculate the answer when the largest number is multiplied by the smallest number.

Answer _____ [2]

13) Clara earns £7 per hour for working 30 hours Monday to Friday.
On Saturday she works from 10 am to 3 pm for £10 per hour.
How much is her total pay for the week?

Answer _____[4]

14) Jessie and Jake are doing a maths quiz. There are 10 questions.

● Each student starts with 15 points

● Two points for every correct answer

● Three points subtracted for every wrong answer

● One point is subtracted for question not answered

In the last quiz, Jessie answered 6 questions correctly and 3 questions incorrectly.

Jake only answered 4 questions, which were all correct.

(a) Work out the total number of points each students got?

Jessie ....   Jake ....

(b) Sophie was also doing the quiz. Her final total was 15 points. How many did she get correct and wrong?

Correct ....

Incorrect ....

Did not answer ....

[3]