



Testbourne Community School

Maths Summer Challenge

MATHEMATICS CHALLENGE

Some fun Maths Puzzles

A, B, C and D
are all
different
integers.

$$\begin{aligned}A+B &= 6 \\ A+C &= 5 \\ B-D &= 3 \\ C \times D &= 15\end{aligned}$$

Find all 4
letters

A=

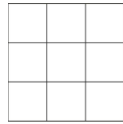
B=

C=

D=

Arrange the
numbers 1 to
9 inside the
square below.

The sum of
each row and
column must
be equal to
15.



My age is a 2
digit squared
number and
so is my nans.
Both of our
ages are also
divisible by 9.

How old are
we?

My age =

My nan's age=

Match the
years below to
the historical
event. One is
missing; can
you work out
what
happened
that year?

MCMXIV
MLXVI
MMXX
MCMXLV
MCMLXIX

(Battle of
Hastings, Start
of WW1,
Landing on the
moon, End of
WW2)

Create your
own Maths
Puzzle.

There are several chickens and rabbits in a cage (with no other types of animals).

There are 72 heads and 200 feet inside the cage.

How many chickens are there, and how many rabbits?



Answers on the Next Page...

MATHEMATICS CHALLENGE

Some fun Maths Puzzles - **answers**

A= 0

B= 6

C= 5

D= 3

2	7	6
9	5	1
4	3	8

My age = 36

My nan's age=
81

MCMXIV
(1914-Start of
WW1)

MLXVI (1066-
Battle of
Hastings)

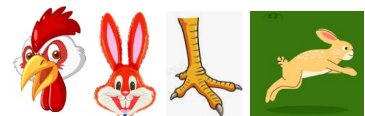
MMXX (2020-
COVID)

MCMXLV
(1945- End of
WW2)

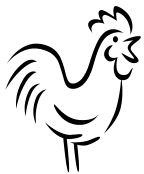
MCMLXIX
(1969- Moon
Landing)

There are several chickens and rabbits in a cage (with no other types of animals).

There are 72 heads and 200 feet inside the cage.



How many chickens are there, and how many rabbits?



44



28

