

PLACE VALUE

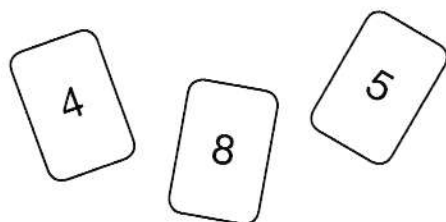
CONTENT DOMAIN REFERENCES:
N2, N3

KS2 SATS

PRACTICE QUESTIONS BY TOPIC

1 Holly made a number using these digit cards.

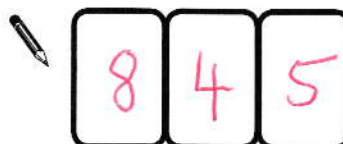
[2011]



The **hundreds** digit is greater than 4

Holly's number is **odd**.

What number did Holly make?



[1 mark]

2

Complete this table with the missing numbers.

[2017]

One row has been done for you.

Number	1,000 more
3,500	4,500
85	1085
8099	9,099
14250	15,250

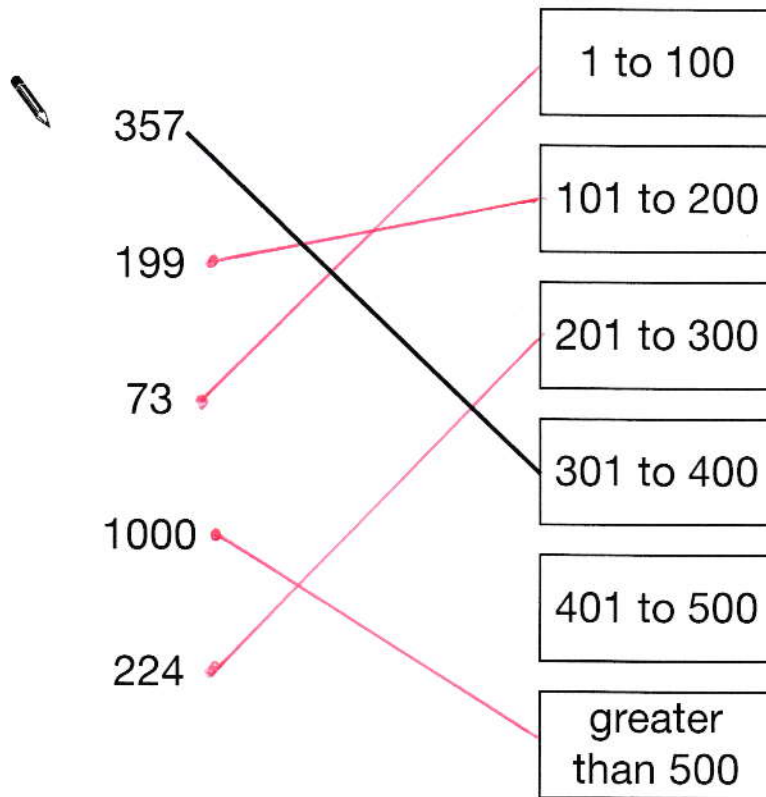
[2 marks]

3

Join each number to the set of numbers that it belongs to.

[2008]

One has been done for you.



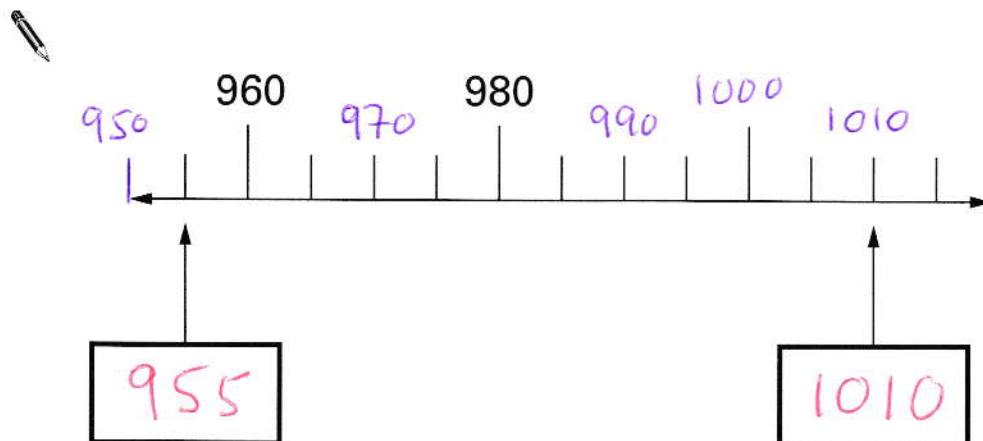
[2 marks]

4

Here is part of a number line.

[2005]

Write the two missing numbers in the boxes.



[2 marks]

5

Circle the number closest to 100

[2011]



70

120

85

111

909

-30

+20

-15

+11

[1 mark]

6

Here are some numbers written in Roman numerals.

[New]

In each box, circle the number that is **greater**.

One has been done for you.

XIV

XVI

XIV

[14]

XIX

[19]

CIX

[109]

LXV

[65]

XCI

[91]

XLIX

[49]

[1 mark]

7Circle the number that is **closest to 700**

[2004]



750

72

651

69

770

+50

-49

+70

[1 mark]

8

Ali puts these five numbers in their correct places on a number line.

[2016]

511

+11

499

-1

502

+2

555

+55

455

-45

Write the number **closest** to 500

499

Write the number **furthest** from 500

555

[2 marks]

9

Circle the number which is **closer** to 1000

[2012]



996

1006

Explain how you know.

996 IS ONLY FOUR LESS
THAN 1000, BUT 1006 IS
SIX MORE THAN 1000.

[2 marks]

10

Here are some digit cards.

[2005]



Write **all** the **three-digit** numbers, **greater than 500**, that can be made using these cards.

START WITH '6'

One has been done for you.



626 662, 664, 646, 642
 626, 624

[2 marks]

11

Write these numbers in order of size, starting with the smallest.

[2006]

901

1091

910

109

190



109 190 901 910 1091

smallest

[1 mark]

12

 $40 + 1,000 =$

[2017]

[WORKING IS OPTIONAL]

[1 mark]

13

Look at this number.

[2016S]

HUNDREDS
 ↓
 23,451.96
 ↖ HUNDREDTHS

Write the **digit** that is in the hundreds place.

4

Write the **digit** that is in the hundredths place.

6

[2 marks]

14

The table shows some years written in figures and in Roman numerals.

[New]

Complete the table.

figures	Roman numerals
2018	MMXVIII
2007	MMVII
2135	MMCXXXV
1999	<u>M</u> <u>CM</u> <u>XC</u> <u>IX</u>

↙ 1900 ↓ 90 ↘ 9

[2 marks]

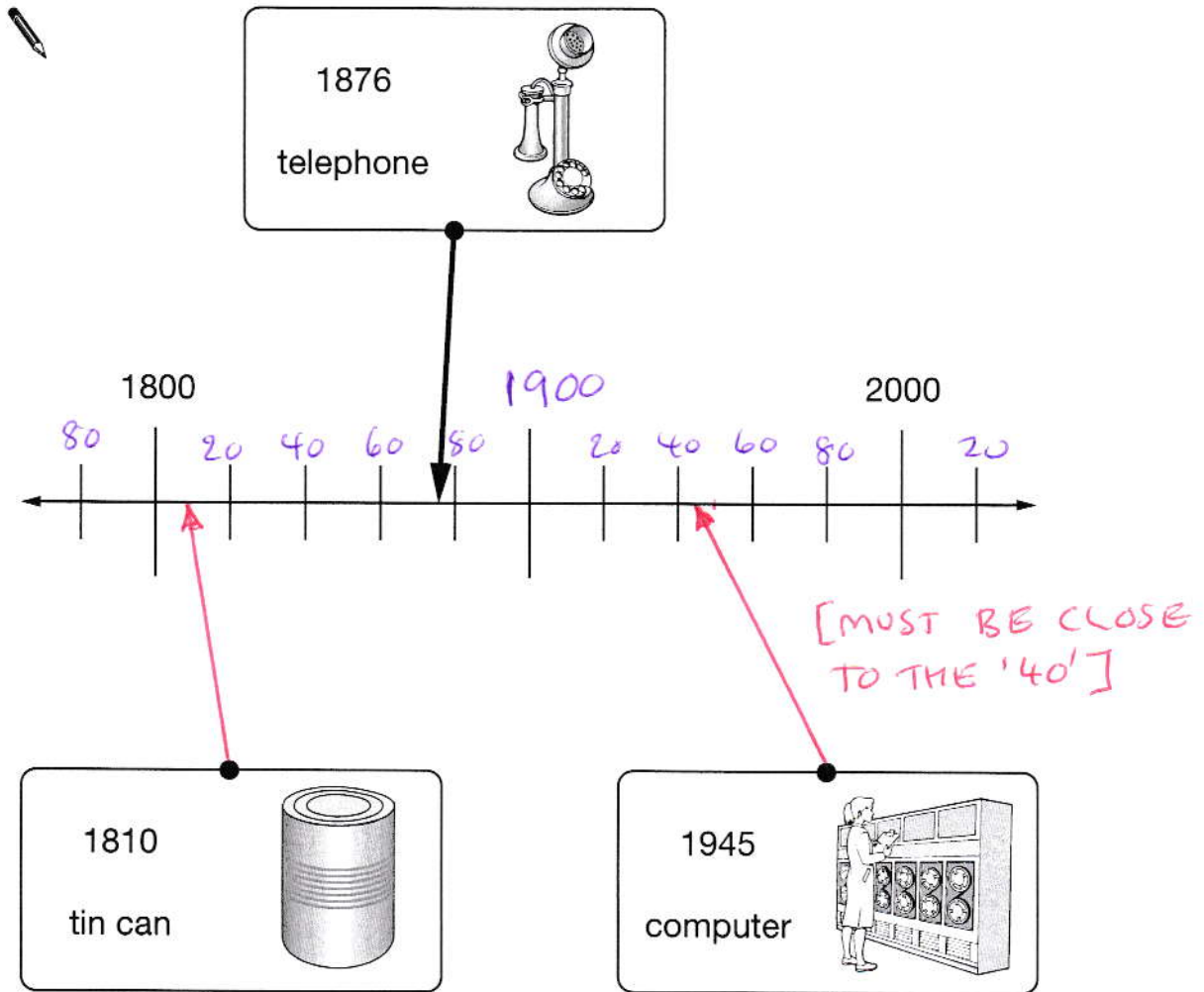
15

Here is part of a time line.

[2006]

Draw a line from each invention to the correct point on the time line.

One has been done for you.

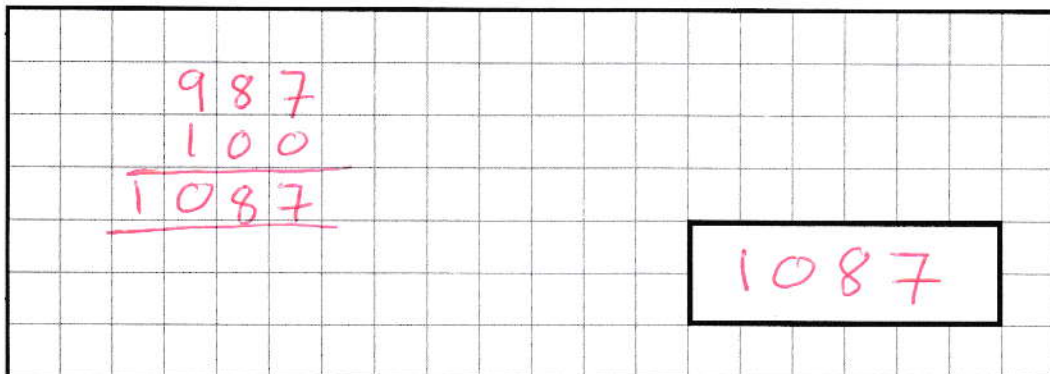


[2 marks]

16

987 + 100 =

[2016]



[WORKING OUT IS OPTIONAL]

[1 mark]

17 $5078 - 100 =$

[2016S]

$$\begin{array}{r} 5078 \\ - 100 \\ \hline 4978 \end{array}$$

4978

[WORKING OUT IS OPTIONAL]

[1 mark]

18 Here is a number written in Roman numerals.

[New]

XVII
10 → ← 7

Write the number in figures.

17


[1 mark]

19 Here are four digit cards.

[2008]

9 4 1 2

Use each digit card **once** to make the decimal number **nearest to 20**


 19.42

[1 mark]

20

[2016]


A



£135,300

✓


B



£119,125

✓


C



£130,500

✓


D



£131,500

✓

E



£91,500

✓

Put these houses in order of price starting with the **lowest price**.

One has been done for you.

E B C D A

lowest

[1 mark]

21

[2016S]

Here is a number written in Roman numerals.

CXV
100 → C X → 10 V → 5

Write the number in figures.

115

[1 mark]

22

Write the number that is five less than **ten million**.

[2016]

$$10,000,000$$

$$- 5$$

9,999,995

Write the number that is one hundred thousand less than **six million**.

$$6,000,000$$

$$- 100,000$$

5,900,000

[2 marks]

23

Here are three digit cards.

[2013]

5
✓6
✓7
✓Use each card **once** to make these statements correct.

4 6

<

6 2

3RD

5 6

>

5 0

1ST

7 6

<

7 7

2ND

[1 mark]

24Write the number 53,148 in **words**.

[2016S]

FIFTY THREE THOUSAND, ONE HUNDRED
AND FORTY EIGHT

[1 mark]

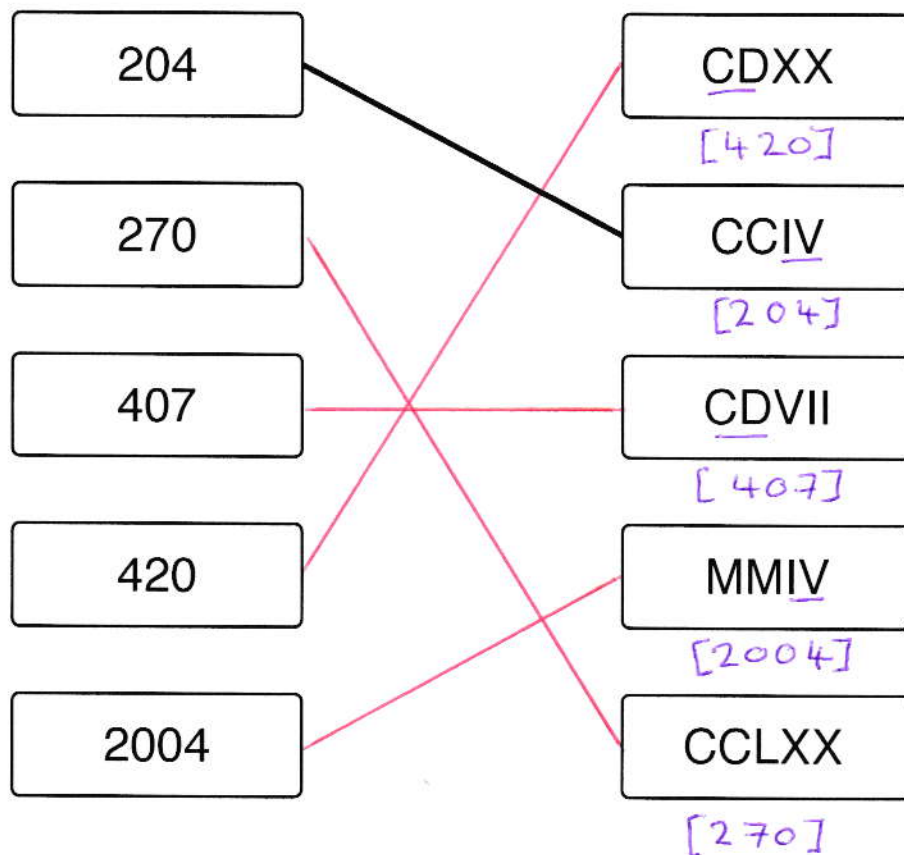
25

Here are some numbers written in figures and in Roman numerals.

[New]

Draw lines to join each number written in figures to its correct Roman numeral form.

One has been done for you.



[2 marks]

26

Here are some numbers written in Roman numerals.

[New]

Circle the number that is closest to 500

CD
[400]

CDXC
[490]

LXI
[61]

DIX
[509]

[1 mark]

27

At the end of a film, the year is given in Roman numerals.

[2017]



Write the year MMVI in figures.

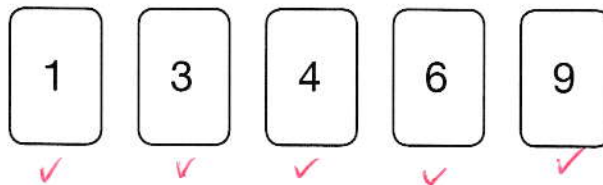
2006

[1 mark]

28

Here are five digit cards.

[2008]



Use each card **once** to complete the statements below.

[2ND] $\begin{array}{|c|c|} \hline 6 & 8 \\ \hline \end{array} > \begin{array}{|c|c|} \hline 5 & 4 \\ \hline \end{array}$

[3RD] $\begin{array}{|c|c|} \hline 1 & 0 \\ \hline \end{array} < \begin{array}{|c|c|} \hline 2 & 3 \\ \hline \end{array}$

[6 IS ONLY CARD LEFT BIGGER THAN 5]

← EITHER WAY!

[1ST] $\begin{array}{|c|} \hline 9 \\ \hline \end{array} > \begin{array}{|c|} \hline 7 \\ \hline \end{array}$

[9 IS THE ONLY CARD BIGGER THAN 7]

[2 marks]

29

In the addition below, the numbers are written in Roman numerals.

[New]

$$XV + IX$$

Work out the result of the addition.

Give your answer in Roman numerals.

Show your method

$XV = 15$
 $IX = 9$

 TOTAL 24

 $XXIV$

[2 marks]

30

Some of the numbers below have **not** been written correctly in Roman numerals.

[New]

Put a tick (\checkmark) if the number is correctly written. Put a cross (\times) if it is not correctly written.

~~CVX~~
 \uparrow

NOT POSSIBLE!

CXV
 \checkmark

XCV
 \checkmark

~~XVC~~
 \uparrow

NOT POSSIBLE!

[1 mark]

31

[2017]

$$1159 - 100 = 1,059$$

1059
 $+ 100$

 1159

[1 mark]

32

Here are four numbers written in Roman numerals.

[New]

$\frac{XCII}{92}$

$\frac{XX}{20}$

$\frac{XVII}{17}$

$\frac{CXI}{111}$

Write the numbers in order, starting with the **smallest**.

XVII

smallest

XX

XCII

CXI

[1 mark]

33

[2002]

3 8 9 1

Choose **three** of these number cards to make an **even** number that is **greater than 400**

9 3 8

[918 IS ALSO CORRECT]

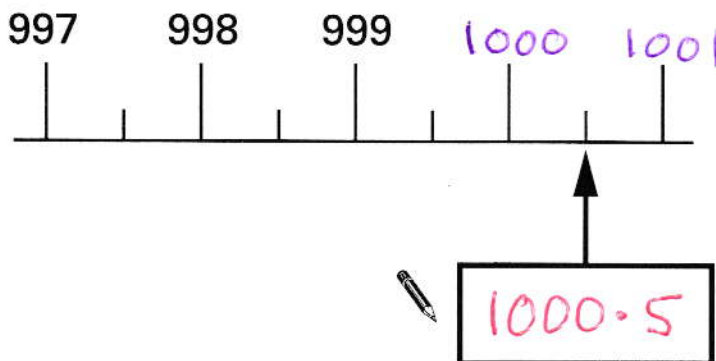
[1 mark]

34

Here is part of a number line.

[2000]

Write the number shown by the arrow.



[1 mark]