

Task 1

Sumdog

Please continue to play Sumdog. If you need a reminder of your login details, please contact the school office.

Remember to check you are working at the correct level: Early, First or Second.



Task 2

Roman Numerals



Roman numerals have survived for thousands of years and are still used today. Roman numerals can be found on clocks, watches, sun dials, film dates, book chapters, numbering and bullet points.

Roman numerals use 7 different letters to indicate numbers. Os (zeros) are not used. Bigger numbers are made by combining the letters in different ways.

The letters used are:

I	1
V	5
X	10
L	50
C	100
D	500
M	1000

There are lots of fun activities attached below for you to explore using Roman numerals, have fun!

Task 3

Times Tables: Keep practising!

This game practises all the times tables facts. Split a deck of cards between you and a partner. With your cards face down, each player picks a card and turns it face up at the same time. The first player to say the correct product of the numbers on both cards wins the cards. If you pull out a Jack, King or Queen you may ask your partner any times table question. If they are correct they keep the cards, if they are wrong, you keep the cards.



Task 4

Countdown +, -, ÷, ×

Use the numbers provided and try to make the total. Each number may only be used once; however you are not required to use all the numbers. How close can you get? (Target numbers are all obtainable)

7	9	5	3	25	75
Target = 243					
6	8	9	4	100	25
Target = 871					
4	9	2	4	100	50
Target = 473					
1	10	9	6	100	25
Target = 439					

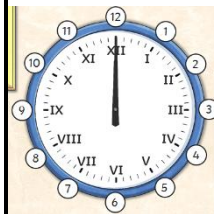
Task 5

Roman Numerals - Telling the Time

We are going to practise telling the time using a clock with Roman numerals.

I 1	II 2	III 3
IV 4	V 5	VI 6
VII 7	VIII 8	IX 9
X 10	XI 11	XII 12

Here are the numbers 1 - 12 written as Roman numerals.



numerals.

Some clocks and watches have Roman numerals.

There are some activity sheets below to practise telling the time using Roman

Online learning & websites

Topmarks Daily 10 mental maths challenge

<https://www.topmarks.co.uk/maths-games/daily10>



The Daily Rigour - A free weekly

newspaper especially for kids all about numeracy!

<https://www.cdmasterworks.co.uk/the-daily-rigour/>



NRICH: <https://nrich.maths.org/primary>

Roman Numerals

Can you count by only using letters?

I	1	XXX	30
II	2	XL	40
III	3	L	50
IV	4	LX	60
V	5	LXX	70
VI	6	LXXX	80
VII	7	XC	90
VIII	8	C	100
IX	9	D	500
X	10	M	1,000
XX	20	MD	1,500

Roman Numerals 100 Square

I	II	III	IV	V	VI	VII	VIII	IX	X
XI	XII	XIII	XIV	XV	XVI	XVII	XVIII	XIX	XX
XXI	XXII	XXIII	XXIV	XXV	XXVI	XXVII	XXVIII	XXIX	XXX
XXXI	XXXII	XXXIII	XXXIV	XXXV	XXXVI	XXXVII	XXXVIII	XXXIX	XL
XLI	XLII	XLIII	XLIV	XLV	XLVI	XLVII	XLVIII	XLIX	L
LI	LII	LIII	LIV	LV	LVI	LVII	LVIII	LIX	LX
LXI	LXII	LXIII	LXIV	LXV	LXVI	LXVII	LXVIII	LXIX	LXX
LXXI	LXXII	LXXIII	LXXIV	LXXV	LXXVI	LXXVII	LXXVIII	LXXIX	LXXX
LXXXI	LXXXII	LXXXIII	LXXXIV	LXXXV	LXXXVI	LXXXVII	LXXXVIII	LXXXIX	XC
XCI	XCII	XCIII	XCIV	XCV	XCVI	XCVII	XCVIII	XCIX	C

Nero's Numbers

Nero is a mathematician from Ancient Rome. He has written some numbers below, but they are written in Roman numerals. Roman numerals use a series of letters which represent numbers and rely on additions and subtractions to create other numbers, where we rely on the place value of our 0-9 digits. Use Nero's advice to change the Roman numerals below to numbers.

Here are three letters used to indicate numbers:

I = 1 **V** = 5 **X** = 10

Follow these rules to help you read Roman numbers:

1. If a larger Roman Numeral is followed by a smaller one, you add the two together. You also need to add if the Roman numeral are the same, e.g:

$$\text{XI} = 10 + 1 = 11$$

$$\text{XX} = 10 + 10 = 20$$

2. If a smaller Roman Numeral is followed by a larger number symbol, you must subtract the smaller Roman Numeral from the larger one.

$$\text{IX} = 10 - 1 = 9$$

$$\text{IV} = 5 - 1 = 4$$



What are the values of these Roman Numerals?

$$\text{II} = \square$$

$$\text{VII} = \square$$

$$\text{XXI} = \square$$

$$\text{VIII} = \square$$

$$\text{XI} = \square$$

$$\text{XV} = \square$$

$$\text{XIX} = \square$$

$$\text{XXIII} = \square$$

$$\text{XXIX} = \square$$

$$\text{XXV} = \square$$

$$\text{XXIV} = \square$$

$$\text{XIV} = \square$$

Write these numbers in Roman numerals:

$$6 = \square$$

$$17 = \square$$

$$26 = \square$$

Roman Numerals Match

Sergio has been asked to match the Roman numeral to correct number for his homework. Use the Roman numeral key to help him complete the homework.

Roman numerals:

I = 1

V = 5

X = 10

L = 50

C = 100

100

29

33

94

75

26

51

48

68

99

LI

XCIX

C

XXVI

LXVIII

XLVIII

XXIX

XXXIII

XCIV

LXXV

Roman Numeral Secret Codes



a	I
e	II
i	III
o	IV
u	V
t	VI
h	VII
f	VIII
g	IX
m	X
n	XI
s	XII

This secret code is written in the numbers you are used to. Use the corresponding Roman numerals to help you decipher the code.

10 16 7 12 3 12 8 5 11.
3 9 4 6 1 6 11 3 11 6 7 2 12 5 11.
6 7 2 12 6 19 2 3 12 12 2 6.
3 1 10 11 4 6 12 7 4 5 6 3 11 9!

Roman Numeral Secret Codes



a	I
e	II
i	III
o	IV
u	V
t	VI
h	VII
f	VIII
g	IX
m	X
n	XI
s	XII

This secret code is written in the numbers you are used to. Use the corresponding Roman numerals to help you decipher the code.

6 7 1 6 10 4 5 11 6 13 11 3 12 7 5 9 2!

6 7 1 6 10 4 5 12 2 7 1 12 1 7 1 6!

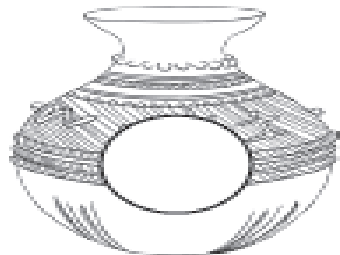
3 12 2 2 6 7 2 12 2 1.

12 7 5 6 6 7 2 9 1 6 2!

Agrippa's Vases

Agrippa is packing olives ready to be exported to different parts of the Roman Empire. She needs to write the number of olives on each vase, but doesn't know how to write them.

Help Agrippa by writing the number of olives in Roman numerals on each vase. Use Nero's rules to help you.



16



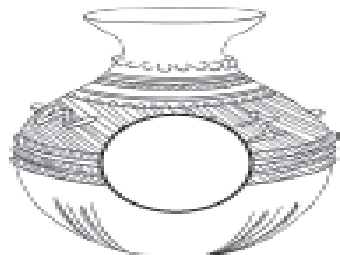
38



40



87



54



26



74



95



19



99



42



48

Be the Teacher



Mr Morris is marking this piece of homework on Roman Numerals. Can you help him to check if each answer is correct? **Place a tick by the answers that are correct and a cross by the answers that are incorrect. If an answer is incorrect, write the correct answer.**

Change Roman numerals to numbers:

$XXIV = \boxed{24}$

$XCII = \boxed{97}$

$XLII = \boxed{62}$

$XVI = \boxed{16}$

$XIX = \boxed{21}$

$XXXVIII = \boxed{38}$

$LXXXII = \boxed{73}$

$XLV = \boxed{45}$

$LIX = \boxed{58}$

Change numbers to Roman numerals:

$85 = \boxed{LXXXV}$

$26 = \boxed{XXIV}$

$42 = \boxed{XXXXII}$

$96 = \boxed{LXXXVI}$

$54 = \boxed{LIV}$

$39 = \boxed{XXXVIII}$

$28 = \boxed{XXVIII}$

$79 = \boxed{LXXIX}$

$67 = \boxed{LXIV}$

I can tell the time using a clock with Roman numerals.

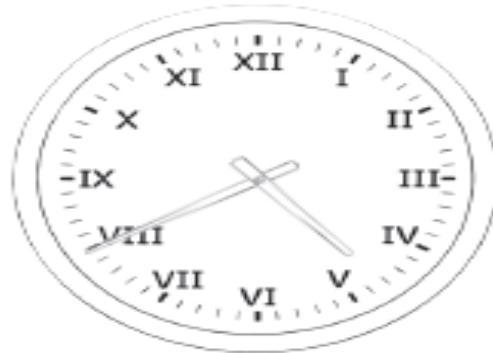


1) Write the time shown underneath each clock.

a)



b)



c)



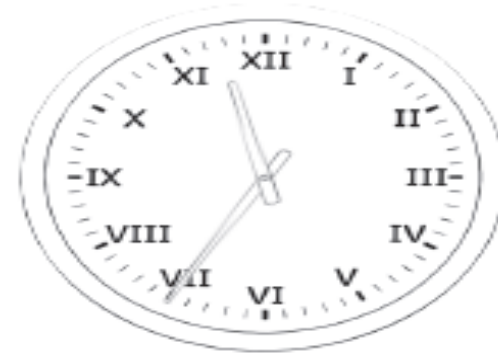
d)



e)



f)





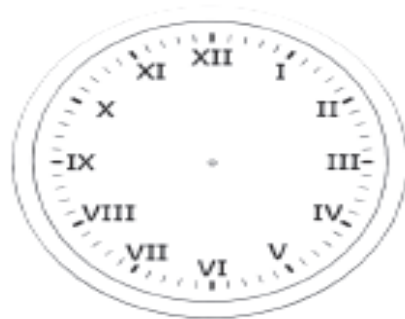
2) Use a ruler to draw hands on the clock faces to show these times:

a)



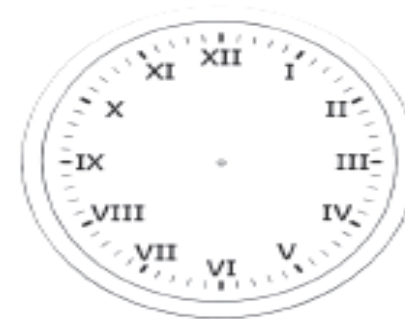
20 to 8

b)



10 past 7

c)



25 to 9

d)



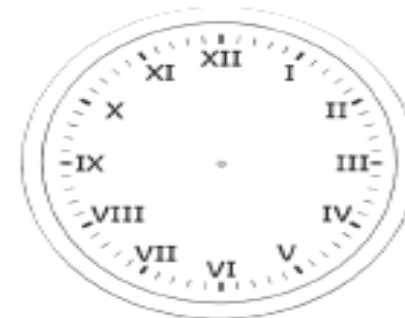
5 past 11

e)



5 to 7

f)

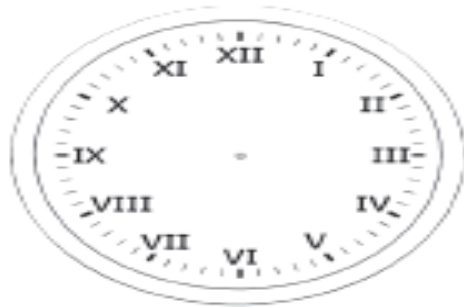


10 to 3

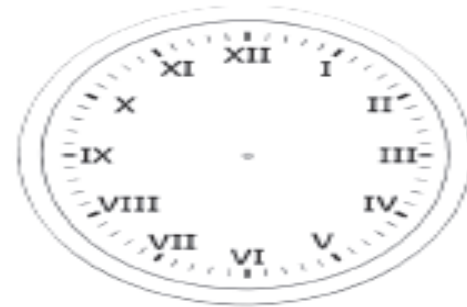




5 to 8



10 past 11



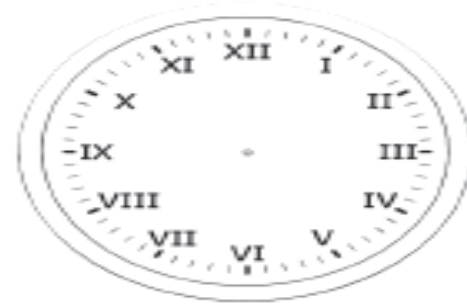
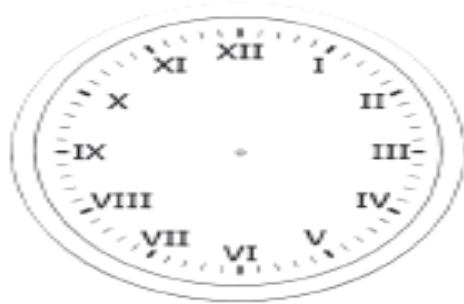
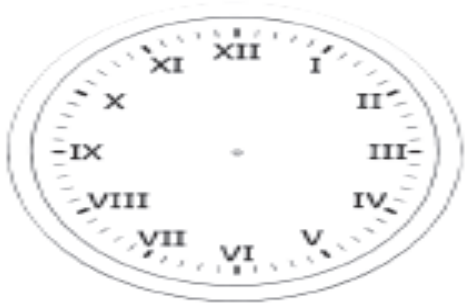
25 to 4

3) Use a ruler to draw hands on the clock faces and write the times underneath to answer the questions.

a) It is 5 past 6. We are going out in 25 minutes. What time will that be?

b) PE lasts 55 minutes. It starts at 20 past 2. What time does it end?

c) My favourite TV show ended at 5 to 7. It lasted 30 minutes. What time did it start?



Roman Numerals 1 to 50 Mosaic

Work out the numbers to reveal the hidden picture. Each answer has a special colour.

grey =
11 - 20

gold =
21 - 30

white (blank) =
31 - 40

black =
50

red =
any other number

XXXI	XXXV	V	II	XXV	XLIX	XLIV	XXXII	XL
XXXVI	XLV	XLIX	XLI	XXI	XLVI	XLIX	XLVIII	XXXIV
XXXVIII	XXI	XLIII	XLV	XXIV	V	II	XXVIII	XXXII
XXXIX	IX	XXVI	XLVII	XXIII	XLIX	XXIX	XLIX	XXXVIII
XXXIV	III	XLVIII	XV	XII	XVI	XLVIII	XLV	XXXII
XXXVII	XXV	XXIII	XX	L	XIII	XXIX	XXV	XXXIV
XXXIX	XLIII	XLIX	XVII	XIV	XIX	XLVI	XLIX	XXXIX
XL	XLV	XXV	XLIX	XXVI	XLI	XXVII	XLI	XXXV
XXXII	XXI	XLII	XLVII	XXII	XLV	IX	XXVII	XXXI
XXXIX	XXXII	XLII	XLIX	XXX	XLIV	III	XXXII	XL

Challenge: How many possible answers are there that could be shaded grey? Which numbers have not been included?

Roman Numerals 1 to 100 Mosaic

Work out the numbers to reveal the hidden picture. Each answer has a special colour.

red =
1 - 25
(except 10 and 20)

grey =
26 - 45
(except 30 and 40)

brown =
76 - 95
(except 80 and 90)

pink =
96 - 99

gold =
100

white (blank) = 46 - 75
(except 50, 60 and 70)

skin colour (of your choice) =
two-digit multiples of 10

LXXV	XLVI	LXXXI	XCIV	LXXXVIII	LXXVI	LXXXI	LXIX	LI
LVIII	XCI	X	LXXX	L	XX	LX	XCII	LIX
LXIV	LXXXV	LXX	XCIII	XC	LXXXIX	XXX	XCIV	LXII
LV	LXXXVIII	XC	XXX	LXX	XX	XL	LXXXIV	LXXIV
LXVIII	LXXVI	L	LXX	XC	X	LXX	XCV	LXVIII
LXI	LXXIII	XX	XCVI	XCIX	XCVII	LX	LXI	LXVI
LXIX	LVIII	LIII	XC	XL	LXX	LV	LXXII	LIV
C	XXXII	XXI	XX	LXXX	X	IV	XLV	C
XXVI	XXXIX	XI	XXIV	IX	XIX	XXV	XXIX	XXVI
XXXI	XLI	LXXXI	LXXVII	XCIV	C	XXXI	XXVI	XXXIII

Challenge: How many possible answers are there that could be shaded pink? Which number has not been included?