

Monday - Maths

Monday Task 1

Can you convert these numbers to Roman Numerals?

● 17 = 22 = 29 = 30 =

● 35 = 50 = 40 =

● 44 = 49 = 58 = 60 =



Monday Task 2

Translate these Roman numerals. Don't forget to show your working out!

1. MD _____ 4. CXVI _____

2. MCD _____ 5. DCLX _____

3. XXXIV _____ 6. CXIII _____

Write these numbers in Roman numerals.

1. 35 _____ 4. 283 _____

2. 100 _____ 5. 570 _____

3. 99 _____ 6. 27 _____

Monday Task 3 - Oak National Academy

1. Write the following numbers using Roman Numerals:

17	35	48	61	73	88	92
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2. Write the numbers that correspond to these Roman Numerals:

XVI	XXIX	XLV	LVII	LXXVI	XCVI	C
-----	------	-----	------	-------	------	---

3. Complete the sequence: VII, XIV, XXI, _____

4. Complete the sequence: XXI, XLII, LXIII, _____

Monday Mastery Challenge

- 1) Match the Roman numerals to the words and correct digits.



three hundred and twenty-four	CMLXXXII	663
one hundred and ninety-four	CCCXXIV	324
six hundred and sixty-three	CXCIV	982
nine hundred and eighty-two	DCLXIII	194

- 2) Which of these numbers have been written correctly as Roman numerals and which are incorrect? Where you spot mistakes, write the correct Roman numerals.

312	75	992	95	156
CCCXII	LXXV	CMLXXXXII	VC	CVVI

Tuesday - Maths

Task 1

Arrange these numbers in size order.

XXXV, XL, XXX, LX, LV, L, XLV, LXV

_____, _____, _____, _____, _____, _____, _____, _____

Arrange these numbers in size order.

CL, CCC, CCL, C, CD, CC, L, CCCL

_____, _____, _____, _____, _____, _____, _____, _____

Count in hundreds from one hundred.

C, CC, _____, _____, D, _____, _____, _____, _____

Count in five hundreds from five hundred.

D, _____, _____, _____, MMD, _____, _____

Complete these calculations.

1. $CD + DC =$ _____ 4. $XL + LX =$ _____

2. $VI + IV =$ _____ 5. $CM + MC =$ _____

3. $XI + IX =$ _____ 6. $CX + XC =$ _____

Tuesday Task 2 - Oak National Academy

1. Write the following numbers using Roman Numerals:

103	238	461	502	714	888	939
-----	-----	-----	-----	-----	-----	-----

2. Write the numbers that correspond to these Roman Numerals:

M	DCCII	CCXXI	CDLV	DCXIV	CMI	CMLV
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3. Complete the sequence: CX, CCX, CCCX, _____

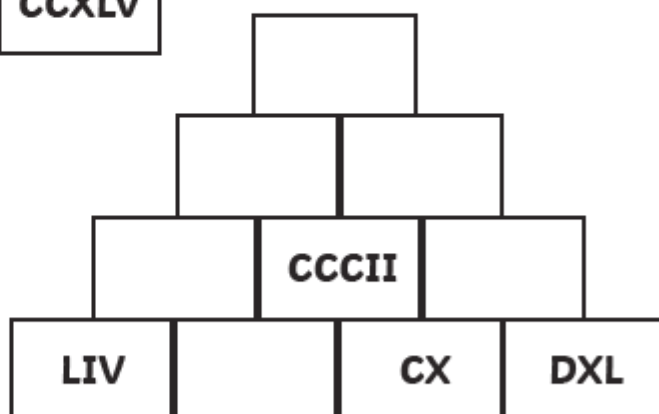
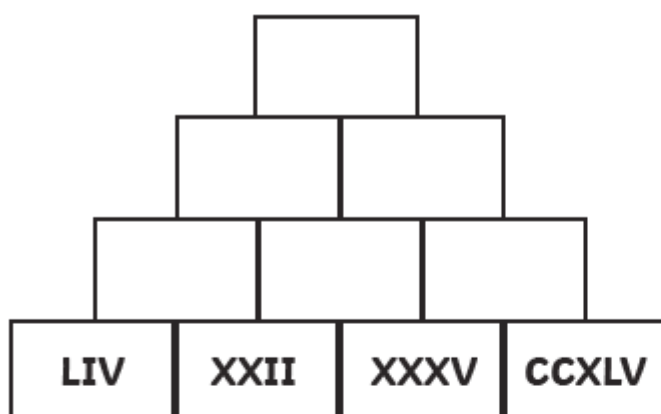
4. Complete the sequence: D, DXII, DXXIV, _____

Tuesday Mastery Challenge

- 1) Augustus and Caesar are going to see a theatre show in Rome. The theatre can seat CMXCIX people. DCXXXIII people have arrived. How many seats are still empty? Show your working and write your answer in Roman numerals.



- 2) Complete both addition pyramids by adding the two numbers in the boxes below and writing the sum in the box above. Complete in Roman numerals.



Wednesday Maths - Task 1

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Wednesday Task 2 - Oak National Academy

353 x 47
614 x 34
506 x 4.6

Wednesday Mastery Challenge

- 1) Complete these calculations using long multiplication.

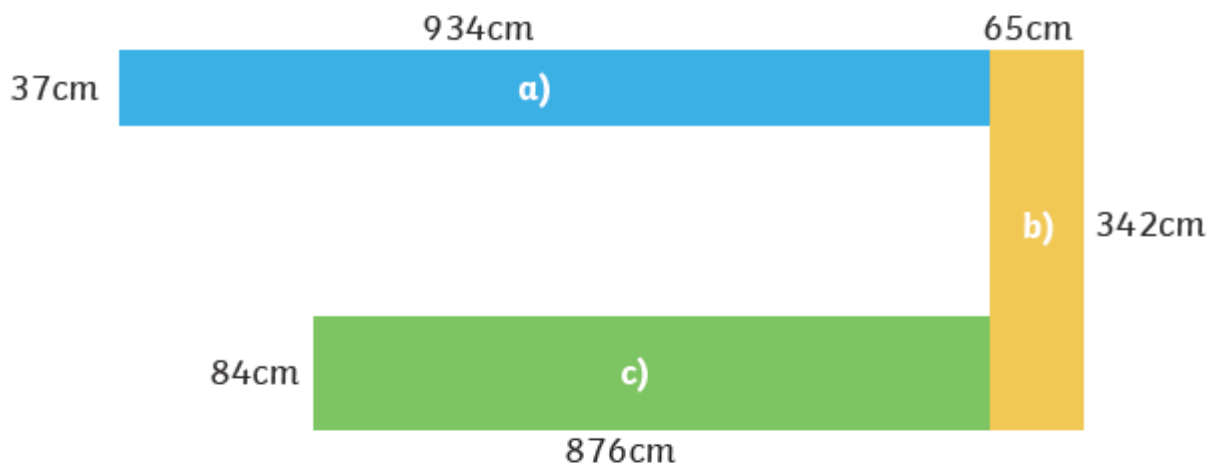
a) 238×43

b) 564×73

c) 856×35



- 2) Mr Star, the Twinkl Academy site manager, is working out the area of the class flowerbeds ready for the children to plant some seeds.



What is the area of each flowerbed?

a) _____ cm^2

b) _____ cm^2

c) _____ cm^2

Thursday Maths - Task 1

1) a) Use long multiplication to complete these calculations.

$2238 \times 43 = \underline{\hspace{2cm}}$

x				

$5604 \times 73 = \underline{\hspace{2cm}}$

x				

$8516 \times 35 = \underline{\hspace{2cm}}$

x				

Thursday Challenge (this is tricky!)

1) Identify the missing digits in these calculations.

	2		2	
x			3	2
	4		5	4
7		8	1	0
	7	6		4

		4		5	3
	x				6
		7			8
1	8		1	2	0
2		4	0		8

2) Carrie has created a calculation using digit cards but her cat has knocked the digit cards out of place. Can you put each digit card back in the right place to create Carrie's calculation?

6 3 4 2 3 5

x					
	1	9	5	2	4
	9	7	6	2	0
1	1	7	1	4	4

Thursday Task 2 - Oak National Academy

Question 1

There is a special offer on an African safari. It is currently £2569. There are 100 spaces on the safari and Oak Travel have currently sold 36 of them. How much money have they made on the offer so far?

Question 2

A group of 6 friends book to go on the African safari. One friend, James, pays the total with his bank card. The rest of the group will pay James at the end of the month. How much money is James owed?

		—	2	—
	x		3	6
	2	5	—	2
		1	4	
—	2	—	1	0
		2		
1	—	3	—	2
	1			

		4	3	
x				8
	3		9	6

Thursday Mastery Challenge

- 1) Laila has been practising long multiplication. For each question, spot the mistake she has made and explain where she has gone wrong. Then, complete the calculation and work out the correct answer.



a)

	5	2	2	
×		4	4	
2	0	8	8	(522 × 4)
2	0	8	8	(522 × 40)
4	1	7	6	
	1			

b)

		6	5	3
	×		2	3
	1	9	5	9
		1		
1	2	0	6	0
1	4	0	1	9
	1	1		

c)

		2	3	7
	×		6	2
		4	7	4
			1	
1	4	2	2	0
	2	4		
1	7	1	0	4
	1	1		

- 2) Twinkl Garden Centre is ordering bulbs and packets of seeds for spring.

They order 604 boxes of bulbs and 726 packets of seeds. There are 34 bulbs in a box and 28 packets of seeds in a bag.

- How many bulbs will arrive in total?
- How many packets of seeds will arrive in total?
- How many more bulbs will they have than packets of seeds?

Were you correct?

■ 17=XVII 22=XXII 26=XXVI 29=XXIX

■ 30=XXX 35=XXXV

■ 50=L so 40=XL

■ 44=XLIV 49=XLIX 58=LVIII 60=LX



Translate these Roman numerals. Don't forget to show your working out!

1. MD **1000 + 500 = 1500**

4. CXVI **100 + 10 + 6 = 116**

2. MCD **1000 + 400 = 1400**

5. DCLX **500 + 100 + 50 + 10 = 660**

3. XXXIV **(3 x 10) + 4 = 34**

6. CXIII **100 + 10 + (3 x 1) = 113**

Write these numbers in Roman numerals.

1. 35 **XXXV**

4. 283 **CCLXXXIII**

2. 100 **C**

5. 570 **DLXX**

3. 99 **XCIX**

6. 27 **XXVII**

Mastery answer

1)	three hundred and twenty-four	CCCXXIV	324
	one hundred and ninety-four	CXCIV	194
	six hundred and sixty-three	DCLXIII	663
	nine hundred and eighty-two	CMLXXXII	982

2)	312 CCCXII	75 LXXV	992 CMLXXXII	95 VC	156 CVI
	CORRECT	CORRECT	INCORRECT CMXCII	INCORRECT XCV	INCORRECT CLVI



Answers - Tuesday

Arrange these numbers in size order.

30 **35** **40** **45** **50** **55** **60** **65**
 XXX, XXXV, XL, XLV, L, LV, LX, LXV

Arrange these numbers in size order.

50 **100** **150** **200** **250** **300** **350** **400**
 L, C, CL, CC, CCL, CCC, CCCL, CD

Count in hundreds from one hundred.

C, CC, **CCC**, **CD**, D, **DC**, **DCC**, **DCCC**, **CM**, **M**

Count in five hundreds from five hundred.

D, **M**, **MD**, **MM**, MMD, **MMM**, **MMMD**

Complete these calculations.

1. CD + DC = **M**

4. XL + LX = **C**

2. VI + IV = **X**

5. CM + MC = **MM**

3. XI + IX = **XX**

6. CX + XC = **CC**

Mastery answer

1) $CMXCIX - DCXXXIII = CCCLXVI$
 $999 - 633 = 366$



2)

CDLXX			
CXXXIII		CCCXXXVII	
LXXVI		LVII	CCLXXX
LIV	XXII	XXXV	CCXLV

MD			
DXLVIII		CMLII	
CCXLVI		CCCII	DCL
LIV	CXCII	CX	DXL

Answers - Wednesday

1.					
		2	1	9	0
x				6	9
	1	9	7	1	0
1	3	1	4	0	0
1	5	1	1	1	0

2.					
		1	3	4	2
x				5	2
		2	6	8	4
	6	7	1	0	0
	6	9	7	8	4

3.					
		1	5	2	1
x				7	3
		4	5	6	3
1	0	6	4	7	0
1	1	1	0	3	3

4.					
		1	1	4	3
x				3	4
		4	5	7	2
	3	4	2	9	0
	3	8	8	6	2

5.					
		2	4	6	8
x				2	7
	1	7	2	7	6
	4	9	3	6	0
	6	6	6	3	6

6.					
		1	8	9	5
x				4	6
	1	1	3	7	0
	7	5	8	0	0
	8	7	1	7	0

7.					
		1	4	6	2
x				7	0
					0
1	0	2	3	4	0
1	0	2	3	4	0

8.					
		1	2	3	9
x				1	9
	1	1	1	5	1
	1	2	3	9	0
	2	3	5	4	1

Mastery answers



1) a) 10 234

		2	3	8
	x		4	3
		7	1	4
		1	2	
	9	5	2	0
	1	3		
1	0	2	3	4

(238 × 3)

(238 × 40)

b) 41 172

		5	6	4
	x		7	3
	1	6	9	2
		1	1	
3	9	4	8	0
	4	2		
4	1	1	7	2

(564 × 3)

(564 × 70)

c) 29 960

		8	5	6
	x		3	5
	4	2	8	0
		2	3	
2	5	6	8	0
	1	1		
2	9	9	6	0

(856 × 5)

(856 × 30)

2) a) 34 558cm²

b) 22 230cm²

c) 73 584cm²

Answers - Thursday

1) a) 2238 × 43 = 96 234

5604 × 73 = 409 092

8516 × 35 = 298 060

1)

	2	4	2	7
x			3	2
	4	8	5	4
7	2	8	1	0
7	7	6	6	4

		4	6	5	3
	x			4	6
	2	7	9	1	8
1	8	6	1	2	0
2	1	4	0	3	8

2)

		3	2	5	4
	x			3	6
	1	9	5	2	4
	9	7	6	2	0
1	1	7	1	4	4

Mastery answers



- 1) a) Laila has not used zero as a placeholder when multiplying 2×40 . She has recorded the answer as 8 rather than 80.

		5	2	2
	x		4	4
	2	0	8	8
2	0	8	8	0
2	2	9	6	8

(522 x 4)

(522 x 40)

- b) Laila has not recorded the regrouped thousands digit following 50×20 .

		6	5	3
	x		2	3
	1	9	5	9
1	3	0	6	0
1	5	0	1	9

- c) When Laila added the two products together to find the total, she added all the regrouped digits as well.

		2	3	7
	x		6	2
		4	7	4
1	4	2	2	0
1	4	6	9	4

(522 x 4)

(522 x 40)

- 2) a) 20 536
b) 20 328
c) 208