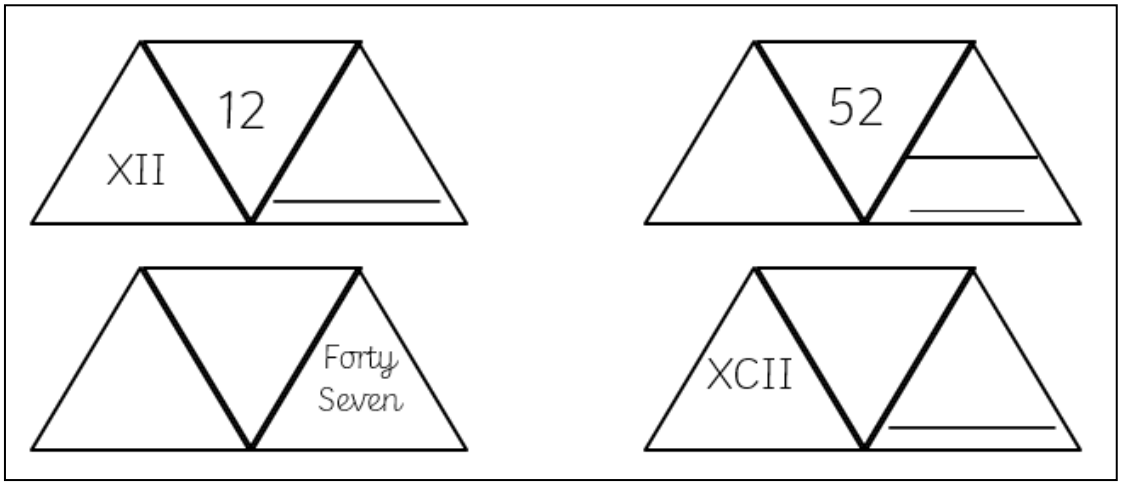
Year 3/4
Maths booklet

Date	
Subject/s	Maths
Learning Objective	To read and write roman numerals to 100

Roman Numeral	Number	Words
		seventy
	9	
XI		
XXXIV		
	0	



Write these calculations out in Roman Numerals and Arabic Numerals.

1. II + V =

2. III + X =

3. VI + L =

4. X + X+ IX=

5. L + X + IV=

6. IX + L + X=

Date	
Subject/s	Maths
Learning Objective	To round numbers to the nearest 10.

Round the following numbers to the nearest 10.

44 →	95 →	1983 →	10 783 →
78 →	123 →	5623 →	19 878 →
16 →	176 →	9012 →	28 003 →
3 →	299 →	7995 →	37 997 →
89 →	364 →	6003 →	191 012 →
32 →	782 →	5786 →	398 908 →

Round the following numbers to the nearest 10km.

Places	Distance	to the nearest 10 km
Sheffield to London	257 km	
Liverpool to Birmingham	141 km	
Manchester to Bristol	113 km	
Norwich to Plymouth	506 km	
Leeds to Swansea	339 km	
Blackpool to York	144 km	
Newcastle to Brighton	528 km	
Oxford to Exeter	221 km	
Portsmouth to Carlisle	525 km	

Date	
Subject/s	Maths
Learning Objective	To round numbers to the nearest 100

Round the following numbers to the nearest 100.

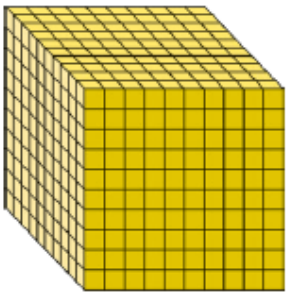
341 →	**83** →	**3009** →	**67 430** →
789 →	**560** →	**4762** →	**109 052** →
145 →	**932** →	**8420** →	**279 973** →
35 →	**895** →	**9562** →	**300 013** →
676 →	**1804** →	**12 745** →	**413 413** →
423 →	**2398** →	**34 562** →	**399 968** →

Round the following numbers to the nearest 100km.

Places	**Distance**	**to the nearest 100km**
Budapest to Zagreb	345 km	
Milan to Barcelona	824 km	
Bucharest to Sarajevo	796 km	
London to Berlin	1050 km	
Vienna to Amsterdam	1069 km	
Warsaw to Geneva	1427 km	
Munich to Madrid	1759 km	
Istanbul to The Hague	2593 km	
Paris to Moscow	2762 km	

Date	
Subject/s	Maths
Learning Objective	To be able to count in thousands.

1) Circle the images that represent 1000.



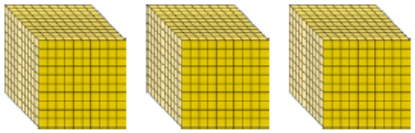
999 + 1

thousand

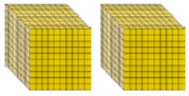
Th	H	T	O
		●●●●●●	

zero hundreds + zero ones + zero tens + one thousand

2) Complete the table.

Words	Images	Numerals
six thousand		
		
		

3) Fill in the missing numbers in numerals.

	Th H T O ●					

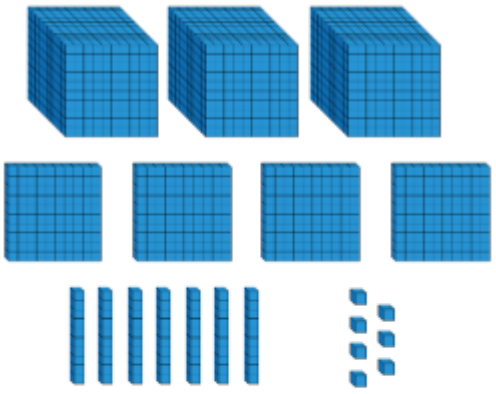
20 000						fourteen thousand

Date	
Subject/s	Maths
Learning Objective 	To understand thousands, hundreds and ones.

Write the value of the digit that has been underlined.

4<u>5</u>64	
6346	
4256	
5647	
1654	
2459	
4563	
8264	
8697	
7829	
2608	
4789	

Complete the sentences.

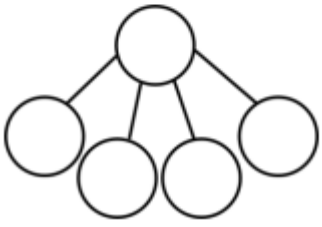


There are _____ thousands, _____ hundreds, _____ tens and _____ ones.

The number is _____.

___ + ___ + ___ + ___ = ___

Complete the part-whole model for the number represented.



Date	
Subject/s	Maths
Learning Objective 	To be able to partition a number.

Copy and complete the following:

1. 6391 = 6300 + □ + □

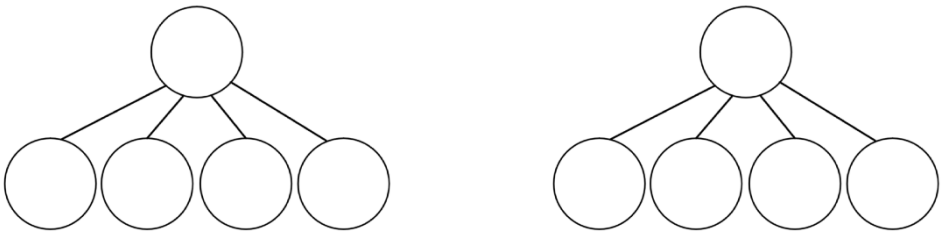
2. 2078 = □ + 8

3. 1842 = 1000 + □ + 2

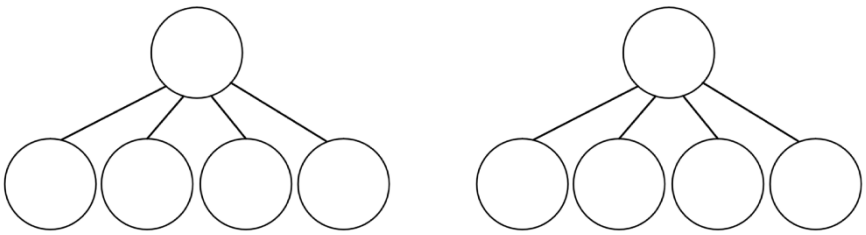
4. 7391 = 6000 + □ + 91

Represent the numbers below in 2 different ways using a part whole model.

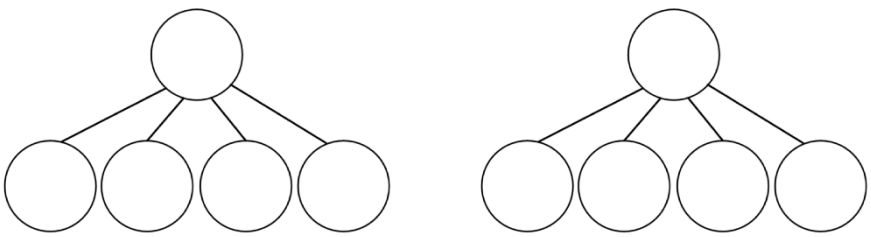
5. 3975



6. 6018



7. 5121



Date	
Subject/s	Maths
Learning Objective 	To represent numbers on a numberline

Number line to 10000

Draw an arrow to show where each number should go on the number line.

5700

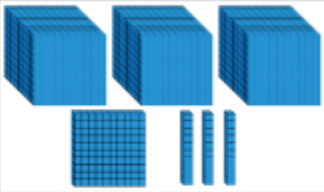
2300

7200

5500

Date	
Subject/s	Maths
Learning Objective 	To find 1000 more or less than a number.

Complete the table.

1,000 less	Number	1,000 more
		
		

1000 Less	Number	1000 More
3267	4267	5267
	1689	
	2073	
	4860	
	9812	
	3406	
	7526	
	8490	
	5679	
	6304	
	3007	
	1068	

Date	
Subject/s	Maths
Learning Objective	To compare numbers using greater than and less than.

Use <, > or = to compare these numbers

4564		4654
6346		6264
4256		2456
5647		5467
1654		6154
2459		2594
4563		4562
8264		8264
8697		8796
7829		6829

Date	
Subject/s	Maths
Learning Objective	To be able to order numbers in ascending and descending order.

Order numbers

Put these numbers in ascending order

5364	6645	8895	6654
5407	5704	5470	4740
9875	9785	9857	9758

Put the numbers in descending order

5436	5634	6534	4354
9890	9908	9809	9098
9123	9312	9213	9321

Date	
Subject/s	Maths
Learning Objective 	To round numbers to the nearest 1000.

Round the following numbers to the nearest thousand.

4,125 ☐ 9,441 ☐

2,317 ☐ 25,620 ☐

9,552 ☐ 5,123 ☐

51,750 ☐ 29,998 ☐

Round the following numbers to the nearest 1000km.

Places	Distance	to the nearest 1000km
London to New York	5540 km	
Rio De Janeiro to Madrid	8140 km	
Cape Town to Rome	8450 km	
Perth to Sydney	3300 km	
Beijing to Washington	11 200 km	
Boston to Delhi	11 500 km	
Buenos Aires to Berlin	11 900 km	
Christchurch to Paris	19 100 km	
Earth to the Moon	384 403 km	

Date	
Subject/s	Maths
Learning Objective 	To count in 25s.

Can you complete these sequences by counting in 25s?

1.

0	25			

2.

175			250	

3.

550	575			

4.

			975	

5.

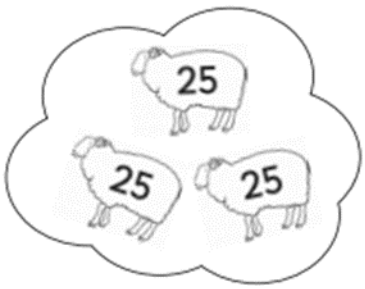
				325

6.

		725		

Look at these sequences which start from a number other than 0 but still go up in 25s. In each line one of the numbers is wrong. Can you circle it? The first one is done for you.

1.	55	70	105	130	155	180
2.	16	41	56	91	116	141
3.	115	140	165	190	212	240
4.	499	524	549	574	594	624
5.	879	904	939	954	979	1004
6.	1042	1076	1101	1126	1151	1176



Date	
Subject/s	Maths
Learning Objective	To understand and use negative numbers

Fill in the missing numbers:

-5	-4			-1				3		5
				-4	-3			0		2
	-6			0		4			10	
-58			-28			2	12			42
			-6			3			12	
					-1	2			11	
-13			-1				15			27
-39				-19			-4	1		

Date	
Subject/s	Maths
Learning Objective	To add and subtract 1s, 100s, 1000s.

The number being represented is ____.

Add 3 thousands to the number. What do you have now?

Add 3 hundreds to the number. What do you have now?

Subtract 3 tens from the number. What do you have now?

Add 5 ones to the number. What do you have now?

Here is a number.

Thousands	Hundreds	Tens	Ones
5	3	8	2

Add 3 thousands to the number.
Subtract 4 thousands from the answer.
Subtract 2 ones.
Add 5 tens.
What number do you have now?

3a. Match the calculation to the correct answer.

A.	Add 200 to 3,610.	6,435
B.	Subtract 30 from 6,465.	6,555
C.	Add 1,000 to 5,555.	3,810

Date	
Subject/s	Maths
Learning Objective	To add two 4-digit numbers together using vertical addition.

1

$$\begin{array}{r} 2541 \\ +\ 5235 \\ \hline \\ \hline \end{array}$$

2

$$\begin{array}{r} 7114 \\ +\ 2372 \\ \hline \\ \hline \end{array}$$

3

$$\begin{array}{r} 6280 \\ +\ 2704 \\ \hline \\ \hline \end{array}$$

4

$$\begin{array}{r} 2854 \\ +\ 4042 \\ \hline \\ \hline \end{array}$$

5

$$\begin{array}{r} 4672 \\ +\ 4221 \\ \hline \\ \hline \end{array}$$

6

$$\begin{array}{r} 6091 \\ +\ 3604 \\ \hline \\ \hline \end{array}$$

7

$$\begin{array}{r} 4472 \\ +\ 5226 \\ \hline \\ \hline \end{array}$$

8

$$\begin{array}{r} 5828 \\ +\ 3031 \\ \hline \\ \hline \end{array}$$

Date	
Subject/s	Maths
Learning Objective 	To add two 4-digit numbers together using vertical addition with one exchange.

Use vertical addition to help answer these questions. Remember to exchange when there is more than 9 in one column. Show your working out clearly.

2345
+ 3823

4183
+ 1723

2246
+ 4943

4371
+ 2805

2625
+ 6294

9283
+ 372

Date	
Subject/s	Maths
Learning Objective 	To add two 4-digit numbers together using vertical addition with more than one exchange

	3	2	5	8
+	1	2	9	4

Use vertical addition to find the correct answers to these questions.

Remember to only have 1 digit in each square.

	4	3	4	9
+	2	9	2	6

	5	6	6	7
+	2	3	8	1

	1	4	3	5
+	2	1	8	6

	4	3	8	5
+	3	8	4	2

	6	1	2	7
+	2	9	4	5

Date	
Subject/s	Maths
Learning Objective 	To subtract two 4-digit numbers using vertical subtraction with no exchanges.

1	8017 − 5004	2	6276 − 3153	3	8068 − 2044	4	9894 − 8452
5	6558 − 4341	6	8302 − 5301	7	8969 − 4823	8	8568 − 3522

Now complete these using vertical subtraction:

1. 6752-2341=
2. 8787-3423=
3. 8989– 7623=
4. 5476– 2072=
5. 6752-2342=
6. 6754-2311=
7. 8329-6117=
8. 7263-2123=

Date	
Subject/s	Maths
Learning Objective	To subtract two 4-digit numbers using vertical subtraction with one exchange

Using vertical subtraction answer these questions. Remember to exchange!

1) 4521-2331=

2) 6728-3472=

3) 9855-5571=

4) 7332-4113=

5) 6250-4234=

6) 8541-3026