

Year 4 Swifts

Maths

Autumn 1

Place Value, Addition and Subtraction

Roman numerals are written with a combination of symbols.

I = 1	V = 5	X = 10	L = 50	C = 100
IV = 4	VI = 6	IX = 9	XI = 11	M =

Partitioning numbers is breaking numbers up into their place values.

$$2,144 = 2,000 + 100 + 40 + 4$$

Thousands	Hundreds	Tens	Ones

Key Vocabulary	Definition
addition	Adding two or more numbers together, making a larger number.
compare	Explaining if numbers are greater than or less than other numbers.
difference	Subtraction vocabulary. e.g. The difference between 10 and 3 is 7.
estimate	Making a sensible guess about an answer.
exchange	Adding or borrowing digits from a number with a higher place value
greater than	Where a value is bigger than a given number.
less than	Where a value is smaller than a given number.
order	Where numbers are rated from smallest to largest or the other way around.
partition	Break a number up into ones, tens, hundreds and thousands.
place value	The value of each digit in a number.
round to the nearest	Simplifying a number to its nearest 10, 100 or 1000.
subtraction	Subtracting two or more numbers from each other and making a smaller number.
sum	Addition vocabulary; find the sum of 4 and 7 = 11

When you are rounding, look at the place value column to the right of the value you are rounding to.

Rounding to nearest 10										
20	21	22	23	24	25	26	27	28	29	30
← round down						round up →				
Rounding to the nearest 100										
200	249				250			300		
← round down						round up →				
Rounding to the nearest 1000										
2000	2499				2500			3000		
← round-down						round-up →				

Addition

	2	1	5	1	
+	4	3	5	2	
	6	5	0	3	
				1	

When you add digits together and the answer is more than 1 digit (e.g. $5+5 = 10$), you need to place the 1 into the next column to the left.

Subtraction

	3	4	1	5	4
-	1	5	2	2	
		6	3	2	

When you subtract digits and you do not have enough to be able to subtract then you need to exchange from the next column on the left.

Finding 1, 10 or 100 more or less than a given number.

100 more			100 less		
232	142	133	32	122	131

When we find 1, 10 or 100 more or less, be careful to notice which columns change.