

L.O. To subtract using formal written methods.

Tuesday

Starter

□ Use the signs correctly $<$, $>$, $=$ below

□ 1651 7524

□ 4253 6574

□ 2×8 $10 + 6$

□ 6742 1354

□ 6321 9983

Starter

- Use the signs correctly $<$, $>$, $=$ below
- $1651 < 7524$
- $4253 < 6574$
- $2 \times 8 = 10 + 6$
- $6742 > 1354$
- $6321 < 9983$

Recap place value

- How many thousands, hundreds, tens and ones are in the number



6482

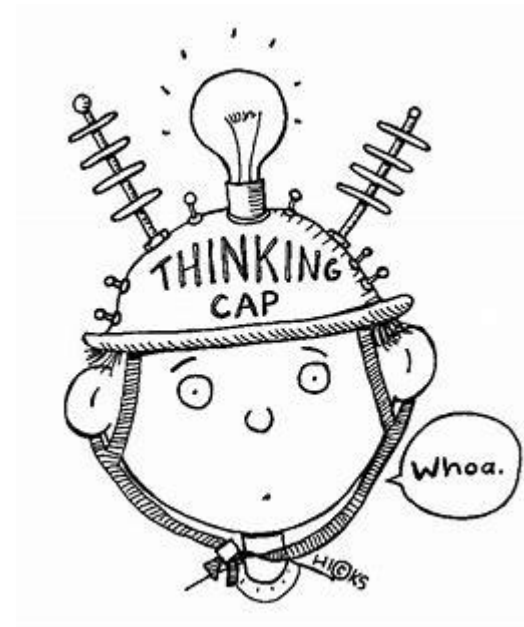
Subtraction



- What do you know so far about subtraction?
- What key words are associated with subtraction?

Thinking time:

- Is 6482-2173 the same as 2173-6482?
- Why?



Thinking time:

□ Is $6482 - 2173$ the same as $2173 - 6482$?

□ No!

□ Why?

- Unlike addition, the order in which you do subtraction is important.
- If I had £10 and I gave my friend £3 I'd still have plenty of money. But if I had £3 and I tried to give him £10 I wouldn't be able to.



Column Subtraction- How can I work this out?

□ $452 - 132 =$

		4	5	2			
	-	1	3	2			

Always work from right to left with column subtraction.

Column Subtraction- How can I work this out?

□ $452 - 132 =$

		4	5	2			
	-	1	3	2			
		3	2	0			

Always work from right to left with column subtraction.

Try this

How would we work this one out? What do you notice about the place value of these numbers?

$$465 - 53 =$$

[illegible]

Try this

How would we work this one out? What do you notice about the place value of these numbers?

$$465 - 53 =$$

		4	6	5			
	-		5	3			
		4	1	2			

Try this

How would we work this one out? What do you notice about the place value of these numbers?

$$465 - 53 =$$

		4	6	5			
	-		5	3			
		4	1	2			

How would we work this out?

$6481 - 2536 =$

	6	4	8	1			
-	2	5	3	6			
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How would we work this out?

How would we work this out?

$$6481 - 2536 =$$

			7				
	6	4	8	¹ 1			
-	2	5	3	6			
<hr/>							
				5			
<hr/>							

How would we work this out?

How would we work this out?

$$6481 - 2536 =$$

			7				
	6	4	8	¹ 1			
-	2	5	3	6			
<hr/>							
			4	5			
<hr/>							

How would we work this out?

How would we work this out?

$$6481 - 2536 =$$

	⁴ 6	¹ 4	⁷ 8	¹ 1			
-	2	5	3	6			
		9	4	5			

How would we work this out?

How would we work this out?

$$6481 - 2536 =$$

	⁴ 6	¹ 4	⁷ 8	¹ 1			
-	2	5	3	6			
		9	4	5			

How would we work this out?

How would we work this out?

$$6481 - 2536 =$$

	4		7				
	6	¹ 4	8	¹ 1			
-	2	5	3	6			
<hr/>							
	2	9	4	5			
<hr/>							

[illegible]

		2	1	7	3		
	-	1	9	9	9		
	<hr/>						
	<hr/>						

$$2173 - 1999 =$$

		2	1	⁶ 7	¹ 3		
	-	1	9	9	9		
						4	

$$2173 - 1999 =$$

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

$$2173 - 1999 =$$

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

$$2173 - 1999 =$$

			¹	¹ 0	¹ 6		
		2	1	7	¹ 3		
	-	1	9	9	9		
		<hr/>					
		0	1	7	4		
		<hr/>					

Try these

1. $964 - 246 =$

2. $546 - 133 =$

3. $4537 - 1736 =$

4. $7176 - 6398 =$

5. $7421 - 1941 =$

Try these

1. $964 - 246 = 718$
2. $546 - 133 = 413$
3. $4537 - 1736 = 2801$
4. $7176 - 6398 = 778$
5. $7421 - 1941 = 5480$

Task

1. $845 - 243 =$
2. $476 - 134 =$
3. $3749 - 1798 =$
4. $3271 - 2749 =$
5. $7582 - 4169 =$
6. $5173 - 3487 =$

Challenge:

1. Michael has collected 3634 stickers. His friend has 1936. How many more stickers does Michael have?
2. Alice wants to buy a bike that costs £42.65. She has saved £18.95. How much more money does she need?

Plenary

11. 6 4 9
- 3 2

 2 8

Explain how you know.