

L.O. To add using formal written methods.

Monday

Starter



Hassan counts on in 25's from 250. Circle the numbers he will say.

990, 125, 300, 440, 575, 700.

Starter

Hassan counts on in 25's from 250. Circle the numbers he will say.

990, 125, 300, 440, 575, 700.

Recap place value

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



4658

Addition



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

Thinking time

□ Is $3426 + 2547$ the same as $2547 + 3426$?

□ Why?



Thinking time

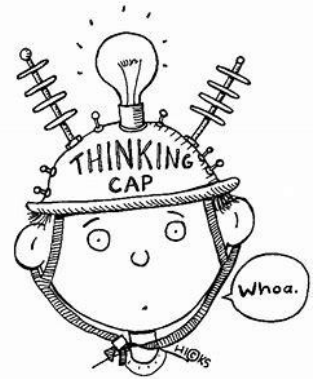
□ Is $3426 + 2547$ the same as $2547 + 3426$?

□ Yes

□ Why?

□ When you add, the order isn't important.

□ Starting with £3 and adding £10 is exactly the same as starting with £10 and adding £3.



Column Addition- How can I work this out?

□ $431 + 223 =$

		4	3	1			
	+	2	2	3			
	<hr/>						
	<hr/>						

Always work from
right to left with
column addition.



Column Addition- How can I work this out?

□ $431 + 223 =$

		4	3	1			
	+	2	2	3			
		6	5	4			

Always work from right to left with column addition.

Try this

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

$$1261 + 625 =$$

[illegible]

Try this

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

$$1261 + 625 =$$

	1	2	6	1			
+		6	2	5			
<hr/>							
<hr/>							

Try this

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

$$1261 + 625 =$$

	1	2	6	1			
+		6	2	5			
	1	8	8	6			

$$2749 + 3537$$

How would we work this out?

	2	7	4	9			
+	3	5	3	7			
<hr/>							
<hr/>							

$$2749 + 3537$$

How would we work this out?

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

2749 + 3537

How would we work this out?

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

2749 + 3537

How would we work this out?

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

$$2749 + 3537$$

How would we work this out?

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

$$7469 + 4652$$

How would we work this out?

[illegible]

7469 + 4652

How would we work this out?

	7	4	6	9			
+	4	6	5	2			
<hr/>							
<hr/>							

7469 + 4652

How would we work this out?

	7	4	6	9			
+	4	6	5	2			
<hr/>							
				1			
<hr/>							
			1				

7469 + 4652

How would we work this out?

	7	4	6	9			
+	4	6	5	2			
<hr/>							
			2	1			
<hr/>							
		1	1				

7469 + 4652

How would we work this out?

	7	4	6	9			
+	4	6	5	2			
		1	2	1			
	1	1	1				

7469 + 4652

How would we work this out?

	7	4	6	9			
+	4	6	5	2			
<hr/>							
1	2	1	2	1			
<hr/>							
	1	1	1				

Try these

1. $374 + 246 =$
2. $663 + 342 =$
3. $2987 + 643 =$
4. $3176 + 5263 =$
5. $8261 + 4527 =$

Task

- $521 + 536 =$
- $2541 + 2227 =$
- $5218 + 4361 =$
- $6329 + 4278 =$
- $3575 + 2869 =$
- $4286 + 3986 =$

Challenge:

1. Isabel read 3528 words one week and 4546 words the next week. How many words did she read altogether?
2. Sam has saved £27.56. He needs another £63.98 to buy the game he wants. How much does the game cost?

Plenary

Stephen writes the following calculation down:

$$\begin{array}{r} + \quad 1 \quad 7 \quad 8 \quad 9 \\ \quad 2 \quad 4 \quad 6 \quad 8 \\ \hline \quad 3 \quad 1 \quad 4 \quad 7 \end{array}$$

What has he done wrong? What should the answer be?