



Year 3
Maths
05/11/2020



Lesson Aims

- To use expanded subtraction or expanded addition to find answers to problems.
- I can set out my work correctly
- I can partition a number into hundreds, tens and units
- I can exchange a ten
- I can subtract the units
- I can subtract the tens
- I can subtract the hundreds
- I can recombine to find the answer
- I can exchange ten units for 1 ten
- I can exchange ten tens for one hundred.



Fluency Starter

- Round these numbers to the nearest 10.
- 38
- 154
- 252
- 536
- 345



Fluency Starter Answers

- Round these numbers to the nearest 10.
- $38 = 40$
- $154 = 150$
- $252 = 250$
- $536 = 540$
- $345 = 350$

Remember – if the number ends in 0, 1, 2, 3, 4 we round down to the nearest 10; if the number ends in 5, 6, 7, 8, 9 we round up to the nearest 10.



Main Teaching

- Yesterday we looked about words that can help us decide whether a word problem is + or -

Sort these words into + or – words.

add

fewer

less

sum

total

altogether

left over

plus

subtract

take away



Main Teaching answers

- Yesterday we looked about words that can help us decide whether a word problem is + or -

Sort these words into + or – words.

add

fewer

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Fluency

- Solve this expanded addition sum

expanded addition.

$$264 + 327 =$$

2 0 0

6 0

4

3 0 0

2 0

7

+

+

=

- Parents and carers, the maths method sheet is available in Wednesday's folder if your children needs reminding.



Fluency answer

- Solve this expanded addition sum

expanded addition.

$$264 + 327 =$$

2	0	0		6	0		4			
---	---	---	--	---	---	--	---	--	--	--

3	0	0		2	0		7			
---	---	---	--	---	---	--	---	--	--	--

5	0	0	+	8	0	+	1	1	=	5	9	1
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- Parents and carers, the maths method sheet is available in Wednesday's folder if your children needs reminding.



Fluency

- Solve this expanded subtraction sum

expanded subtraction.

$$452 - 124 =$$

4	0	0		5	0	2		
1	0	0		2	0	4		
			+				+	=

Parents and carers, the maths method sheet is available in Wednesday's folder if your children needs reminding.



Fluency

- Yesterday, you wrote the number sentences for addition and subtraction word problems. Today, you are solving them .



Fluency Activity

- A bottle of Fizzy Pop lemonade holds 72ml Jane drinks 43 ml. How much lemonade is still in the bottle?
- $72 - 43 =$

- Jason has saved money to buy a new bike. He has saved a £84. The bike he wants is in the sale and only costs £46. How much money will he have left after he has bought the bike?
- $84 - 46 =$



Fluency Activity

- At St Patrick's School there are 124 children in Key Stage 1 and 138 children in Key Stage 2. How many children are there in the school in total?
- $124 + 138 =$

- To make a cake Roger needs 125g of sugar and 137g of butter. How heavy are the ingredients when they are put together?
- $125 + 137 =$



Fluency Activity

- Hannah wanted a toy which cost £35 She had £53 in her purse. How much money would she have left when she bought the toy?
- $53 - 35 =$

- A farmer has 83 cows. He moves them to a new field. When he gets there he counts only 56. How many has he left behind?
- $83 - 56 =$



Fluency Activity Answers

- $72 - 43 = 29$

- $84 - 46 = 38$

- $124 + 138 = 262$

- $125 + 137 = 262$

- $53 - 35 = 18$

- $83 - 56 = 27$