

This week we are recapping using our different operations

LO: To use written methods for addition and subtraction (bronze)

Practise

Complete these calculations:

1) $57454 + 6467$

2) $473621 - 76377$

3) $123754 + 4828$

4) $50000 - 32874$

5) $237 + 78372$

6) $458924 - 98424$

7) $8746 + 57283$

8) $48593 - 3984$

Fluency

9) **Work out the missing numbers:**

$1837 + 4738 = 9271 - \underline{\hspace{2cm}}$

$748 + \underline{\hspace{2cm}} = 6758 - 3642$

$2728 + \underline{\hspace{2cm}} = 6553 - 1734$

10) The council planted 1600 new plants on Monday. On Tuesday they doubled what they had planted the day before and on Wednesday they planted half of what they planted on Monday. How many flowers were planted altogether?

11) 6832 females attended a concert as well as 9472 males. There were originally 25,000 seats on sale. How many empty seats were there at the concert?

Reasoning

12) Anna was given the following calculation: $47326 - 1700 =$ She said 'I will just take off 2000 and then subtract another 300 so my answer is 45026.' Is she correct? Would you use her method? Explain your answer.

13) Match the calculations to the best estimates.

8,000,500 – 6,100,000

1,250,000 + 900,000

double 600,000

123,999 + 84,178

200,000

one million

$2\frac{1}{4}$ million

2 million

This week we are recapping using our different operations

LO: To use written methods for addition and subtraction (silver)

Practise

Complete these calculations:

1) $237 + 78372$

2) $458924 - 98424$

3) $8746 + 57283$

4) $48593 - 3984$

5) $78463 + 289372$

6) $980602 - 79847$

Fluency

7) Work out what the missing numbers could be:

$2103 + \underline{\quad\quad\quad} = 6423 - \underline{\quad\quad\quad}$

$1289 + \underline{\quad\quad} = 5089 - \underline{\quad\quad\quad}$

Reasoning

8) Anna was given the following calculation: $47326 - 1700 =$ She said 'I will just take off 2000 and then subtract another 300 so my answer is 45026.' Is she correct? Would you use her method? Explain your answer.

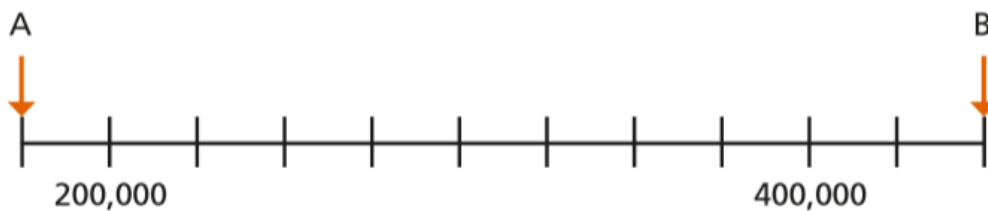
9) Nancy is using the inverse operation to solve calculations. She is completing the calculation $\underline{\quad\quad\quad} - 1892 = 3745$. She says 'I can turn the calculation around to get the correct answer.' She does the following $3745 - 1892 =$ Is she correct? Explain why.

Problem Solving

10) Three pandas are eating bamboo sticks. There are 89 altogether. They all eat an odd number of sticks. How many bamboo sticks did they each eat? How many different ways can you do it?

11)

What is the difference between A and B?



The difference between A and B is

This week we are recapping using our different operations

LO: To use written methods for addition and subtraction (gold)

Practise

Complete these calculations:

- 1) $78463 + 289372$
- 2) $980602 - 79847$
- 3) $58483 + 464824$
- 4) $8635 - 473$

Fluency

5) **Work out the missing number:**

$$2103 + \underline{\quad\quad} = 6423 - \underline{\quad\quad}$$

$$1289 + \underline{\quad\quad} = 5089 - \underline{\quad\quad}$$

Reasoning

6) Nancy is using the inverse operation to solve calculations. She is completing the calculation $\underline{\quad\quad} - 1892 = 3745$. She says 'I can turn the calculation around to get the correct answer.' She does the following $3745 - 1892 =$ Is she correct? Explain why.

Problem Solving

7) Three pandas are eating bamboo sticks. There are 89 altogether. They all eat an odd number of sticks. How many bamboo sticks did they each eat? How many different ways can you do it?

8) 8 people from different countries meet at an international peace ceremony. Each person shakes the hand of each other person. How many handshakes are there altogether?

9)

I am thinking of a number. I add 200,000, then subtract half a million, then add a quarter of a million. Then I round to the nearest 10, which is two million and fifty.



What number could Alex have been thinking of to start with?

10) David has six white mice, three males and three females. Each of the three couples has 7 female baby mice. Each of the females has 9 babies. One night, David's sister leaves the mice cage door open and 47 escape. How many mice does David have left?

This week we are recapping using our different operations

LO: To use written methods for addition and subtraction (bronze) - answers

Practise Complete these calculations:

- 1) 63921
- 2) 397244
- 3) 128582
- 4) 17126
- 5) 78609
- 6) 360500
- 7) 66029
- 8) 44609

Fluency

9) Work out the missing number: $1837 + 4738 = 9271 - \underline{\quad 2696 \quad}$

$748 + \underline{\quad 2368 \quad} = 6758 - 3642$

$2728 + \underline{\quad 2091 \quad} = 6553 - 1734$

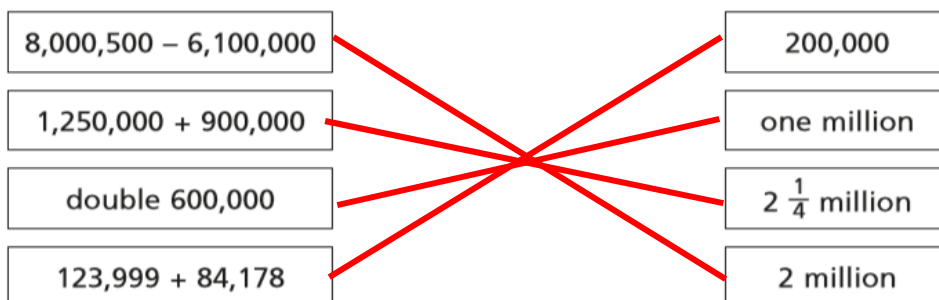
10) 4000

11) 8696

12) No, because then she will have taken away 2300. She needs to take away 2000 and then add 300.

13)

Match the calculations to the best estimates.



This week we are recapping using our different operations

LO: To use written methods for addition and subtraction (silver) - answers

Practise Complete these calculations:

- 1) 78609
- 2) 360500
- 3) 66029
- 4) 44609
- 5) 367835
- 6) 900755

Fluency

7) Work out the missing number:

Varies

Varies

Reasoning

8) No because she has taken away 2300 rather than adding 300 back on.

9) No - explanation shows link between addition and subtraction through inverse and how original number needs to be bigger

Problem solving

10) Answers will vary e.g. 13, 23, 53

11) $A - B = 450,000 - 175,000 = 275,000$

This week we are recapping using our different operations

LO: To use written methods for addition and subtraction (gold) - answers

Practise Complete these calculations:

1) 367835

2) 900755

3) 523307

4) 8162

Fluency

5) Work out the missing number:

Varies

Varies

Reasoning

6) No - explanation shows link between addition and subtraction through inverse and how original number needs to be bigger

Problem Solving

7) Answers will vary 13, 23, 53

8) 28 handshakes

9) Answers will vary e.g. 250,050,004

10) 169 mice