

Y5 Mental Addition Subtraction

KS2 Y5 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

$$34,600 + 5,000$$

Step 1 · Only the thousands change

$$4 \text{ thousands} + 5 \text{ thousands} = 9 \text{ thousands}$$

Answer: 39,600

Check: No other digit changes ✓

2. Now try one with the steps

$$46,350 + 9,999$$

Step 1 · 9,999 is 1 less than 10,000

Step 2 · $46,350 + 10,000$

Step 3 · Adjust: I added 1 too many

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. $52,000 + 30,000$

2. $640,000 - 200,000$

3. $73,500 + 4,000$

4. $18,700 + 2,300$

5. $25,640 + 9,999$

6. $61,200 - 9,000$

7. $45,000 + 45,000$

8. $100,000 - 37,000$

9. $125,300 + 29,000$

10. $70,250 - 4,990$

11. Find the difference between 60,000 and 59,350.

12. A sports centre had 248,000 visitors last year and 199,000 this year. How many fewer this year?

13. What must be added to 386,000 to make 500,000?

14. Amira says $54,000 - 19,999 = 34,999$. Is she right? Write yes or no and the correct answer.

4. Before you hand it in

For $46,350 + 9,999$, adding 10,000 then adding 1 more.

You added 1 too many, so take 1 away: $56,350 - 1 = 56,349$.

For $82,400 - 19,000$, taking 20,000 then taking another 1,000.

Taking 20,000 removes 1,000 too many. Add it back: $62,400 + 1,000 = 63,400$.

Using a column method for $40,000 - 38,650$ and making exchange errors.

When numbers are close, count on from the smaller one: $50 + 300 + 1,000 = 1,350$.