

Y3 Mental Addition Subtraction

KS2 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

$463 + 5$

Step 1 · Adding ones: look at the ones digit

$3 \text{ ones} + 5 \text{ ones} = 8 \text{ ones}$

Step 2 · Hundreds and tens stay the same

468

Answer: $463 + 5 = 468$

Check: $468 - 5 = 463$ ✓

2. Now try one with the steps

$528 - 300$

Step 1 · Taking away hundreds: look at the hundreds digit

Step 2 · Tens and ones stay the same

Answer:

3. Practice

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

1. $524 + 3$

2. $689 - 7$

3. $315 + 40$

4. $872 - 50$

5. $236 + 500$

6. $948 - 600$

7. $407 + 2$

8. $458 + 7$

9. $632 - 5$

10. $381 + 40$

11. $514 - 30$

12. A school library has 265 books. 9 new books arrive. How many books are there now?

13. A train has 450 seats. 200 people get on. How many seats are still empty?

14. Fill the gap: $593 + \underline{\quad} = 693$

4. Before you hand it in

Working out $452 + 30$ as 455.

Say what you are adding: 30 is 3 TENS. 5 tens + 3 tens = 8 tens, so 482.

Working out $376 + 8$ as 3714.

Bridge to the next ten: $376 + 4 = 380$, then $380 + 4 = 384$.

Working out $603 - 5$ as 602 or 608.

Count back through 600: $603 - 3 = 600$, then $600 - 2 = 598$.

Using written columns for everything.

If only one digit is changing (or you cross just one ten or hundred), do it in your head.