Add and subtract 3-digit and 1-digit numbers – not crossing 10

White Rose Maths

1 How many candles are there in total?

100 100 2 2 2 ||||| + |||

213
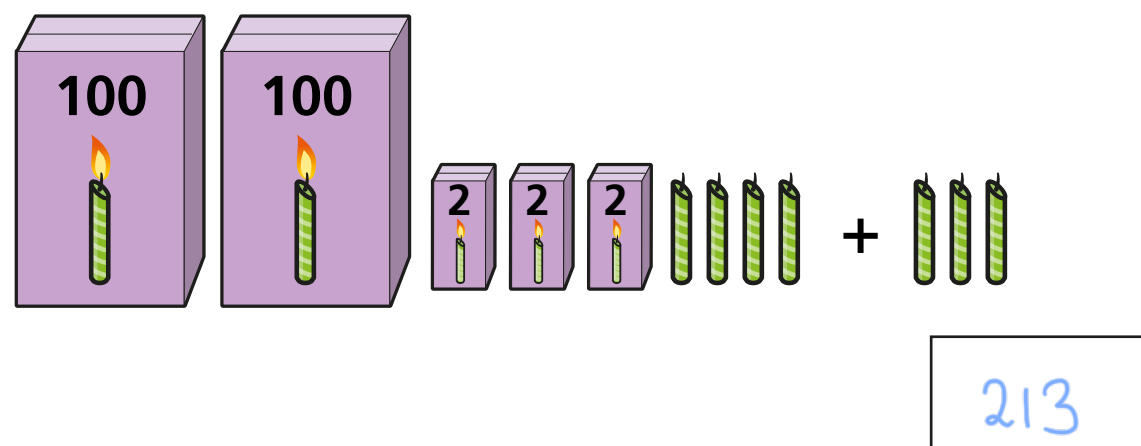
2 Amir has made the number 325
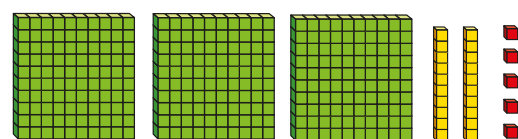
Amir subtracts 3 ones from his number.
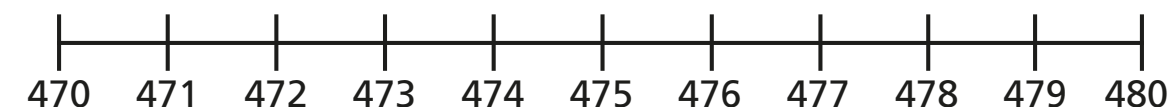
a) Write a calculation to show what Amir has done.

325 – 3

b) What is the answer to the calculation?

322

3 Complete the calculations.

Use the number line to help if you need to.

470 471 472 473 474 475 476 477 478 479 480

a) 475 + 1 = 476   **b)** 475 – 1 = 474

475 + 2 = 477   475 – 2 = 473

475 + 3 = 478   475 – 3 = 472

475 + 4 = 479   475 – 4 = 471

475 – 5 = 470

4 Here is a number.

H	T	O
100 100	10 10	1 1
100 100	10 10	1
100 100	10	

a) Add 4 ones to the number.

What is the answer? 657

b) Tom says if you subtract 2 ones from the number, you get 633

What mistake has Tom made?

5 Complete the calculations.

a) 276 + 3 = **279**

b) 276 − 4 = **272**

c) 311 − 1 = **310**

d) 311 + 5 = **316**

e) 3 + 405 = **408**

f) 278 − 4 = **274**

g) **628** = 625 + 3

h) **481** = 488 − 7

i) 724 + **4** = 728

j) 394 − **1** = 393

k) **5** + 913 = 918

l) 186 − **2** = 184

6 Nijah collects stamps.

She has 526 stamps.

She collects 3 more.

How many stamps does she have now?

529

7 Put the digit cards in the correct place in each calculation.

Use all 4 cards each time.

| **1** | **3** | **6** | **9** |

3 **9** **6** + **1** = 397

1 **3** **9** − **6** = 133

3 **9** **1** + **6** = 397

1 **6** **9** − **3** = 166

8 Work out the missing digits.

a) 7**8**4 + 4 = **7**8**8**

b) 97**0** + 3 = 9**7**3

c) **1**78 − **5** = 173

9 Aisha wants to work out 764 + 3 + 2

Show two ways she can do this.

E.g $764 + 3 = 767, \; 767 + 2 = 769$

$3 + 2 = 5, \quad 764 + 5 = 769$

10 Scott thinks of a number.

He adds 5 to his number.

His number ends with a 5

Was the number Scott started with odd or even?

Explain your answer.

Even it must have ended in a 0

Compare answers with a partner.