Hello everyone! Thank you for another fantastic effort last week. You have worked very hard with your times tables. This week, we will be looking at some addition and subtraction. We have already worked on this earlier on in the year but this should hopefully extend that learning further. If you need anything to help you with this work then you could use some pasta, beads or such like for support when adding and subtracting.

Monday 8th Feb 2021- Add and subtract multiples of 100

Watch https://vimeo.com/459318816 and then complete Q.1-3. If you feel like a challenge then have a look at the next questions.

Tuesday 9th Feb 2021- Add and subtract 1s

Watch https://vimeo.com/459364931 and then complete as many questions on the worksheet as you can.

Wednesday 10th Feb 2021- Add and subtract 3-digit and 1-digit numbers

Watch https://vimeo.com/459319169 and then complete Q. 1-4. If you feel like a challenge then try the rest of the sheet.

Thursday 11th Feb 2021- Add a 2-digit and a 1-digit number

Watch https://vimeo.com/459365159 and then have a go at Q.1-5 on the sheet.

Friday 12th Feb 2021- Add 3-digit and 1-digit numbers

Watch https://vimeo.com/459365558 and then focus on Q. 1-3 on your worksheet.

1 Complete the sentences.

a)

5 ones + 2 ones = ☐ ones

b)
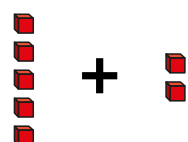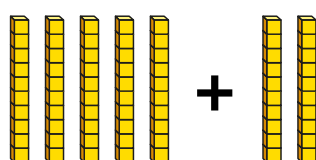
5 tens + 2 tens = ☐ tens

c)
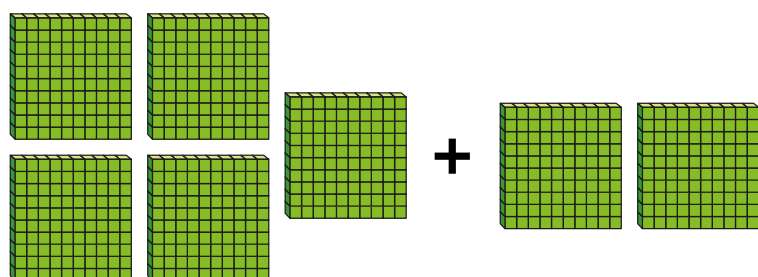
5 hundreds + 2 hundreds = ☐ hundreds

2 Work out 600 − 400
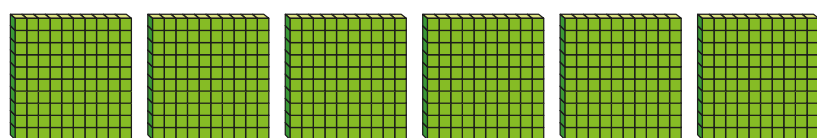
600 − 400 = ☐

3 Complete the additions.

a) 3 + 1 = ☐

30 + 10 = ☐

300 + 100 = ☐

b) 400 + 200 = ☐

400 + 300 = ☐

400 + 400 = ☐

400 + 500 = ☐

400 + 600 = ☐

4 Complete the subtractions.

a) 9 − 2 = ☐

90 − 20 = ☐

900 − 200 = ☐

b) 600 − 400 = ☐

600 − 300 = ☐

600 − 200 = ☐

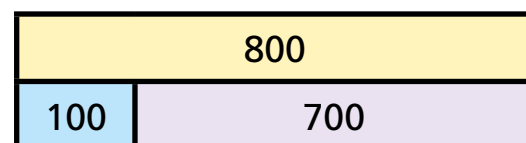600 − 100 = ☐

600 − 0 = ☐

5 Kim has 400 pencils.
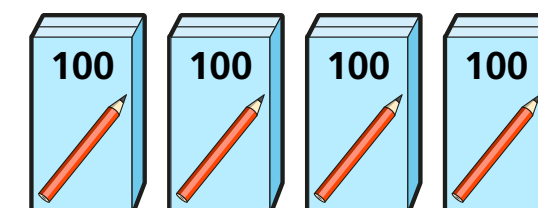
She buys 5 more boxes of pencils.

How many pencils does she have now? ☐

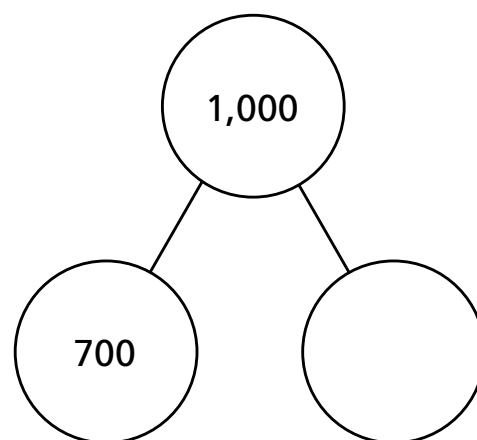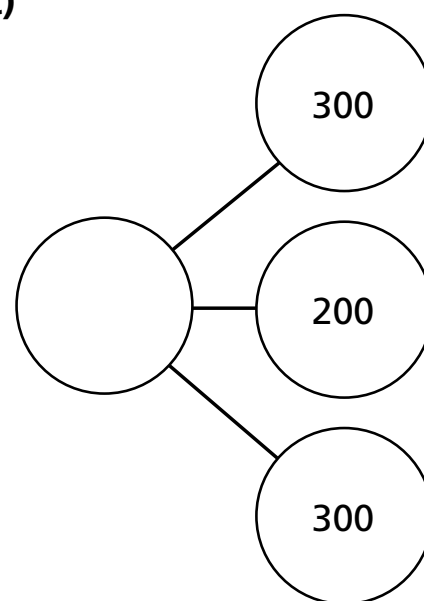**6** Use the diagram to write 4 calculations.

800	
100	700

100 + ☐ = ☐

☐ + ☐ = ☐

☐ − ☐ = ☐

☐ − ☐ = ☐

7 Complete the part-whole models.

a)

1,000 — 700 — ☐

c)

☐ — 300 — 200 — 300

b)

1,000 — 900 — ☐
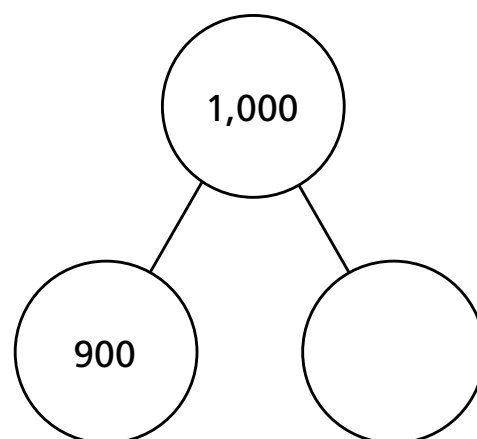
8 Complete the number sentences.

a) 200 + 300 = ☐

f) 900 = ☐ + 300

b) 800 − 100 = ☐

g) 200 + 200 + 300 = ☐

c) 300 + ☐ = 700

h) 600 = 100 + 200 + ☐

d) 500 + ☐ = 700

i) 700 − 200 + 300 = ☐

e) ☐ − 200 = 300

j) 500 − ☐ = 0

9 There are 400 girls in a school.

There are 100 more boys than girls.

How many boys and girls are there in the school in total?

☐

10 The answer is 700

How many questions can you think of that add hundreds or subtract hundreds to make 700?

_____

_____

_____

How do you know you have found them all?
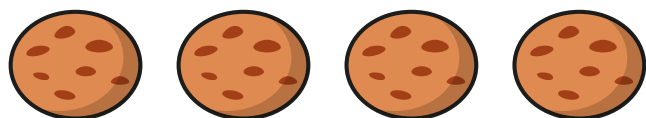
Add and subtract 1s

1 a)   Jack has 6 cookies.

Annie gives him one more cookie.

How many cookies does he have now?
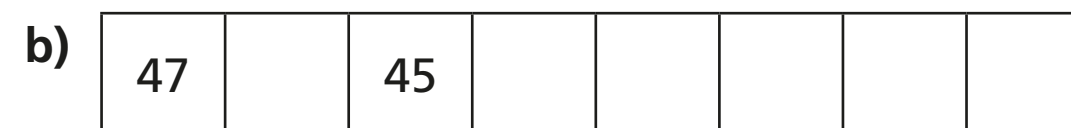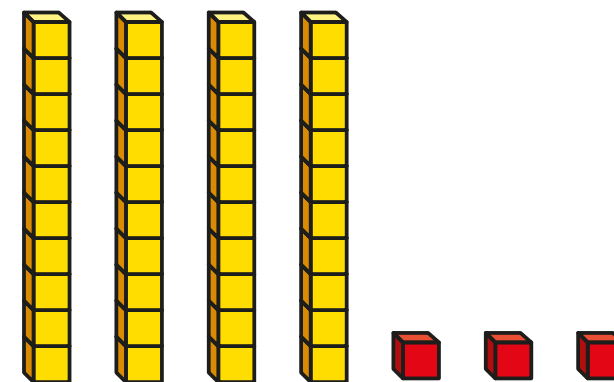
Jack has [ ] cookies now.

b) Amir has 4 cookies.

He eats one of his cookies.
How many cookies does he have now?

Amir has [ ] cookies now.

2 Complete the number tracks.

a)

21		23					

b)

47		45					

c)

				5				10

3 a)   Filip has made a number using base 10

What number has Filip made? [ ]

b) Rosie also makes a number using base 10
Rosie's number is one more than Filip's number.

What is Rosie's number? [ ]

c) Ron's number is 2 more than Filip's number.

What is Ron's number? ☐

d) Dora's number is 1 less than Filip's number.

What is Dora's number? ☐

4 Complete the calculations.

a) 14 + 1 = ☐

e) 19 − 1 = ☐

b) 22 + 1 = ☐

f) 33 + ☐ = 34

c) 54 + 1 = ☐

g) 18 = 19 − ☐

d) ☐ = 1 + 61

h) ☐ = 89 − 1

5 Complete the calculations.

a) 14 + 2 = ☐

e) 19 − 2 = ☐

b) 22 + 3 = ☐

f) 33 + ☐ = 35

c) 54 + 4 = ☐

g) 12 = 19 − ☐

d) ☐ = 5 + 61

h) ☐ = 89 − 3

6 Are the number sentences true or false?

a) 17 + 1 = 1 + 17 _____

b) 17 − 1 = 1 − 17 _____

Talk about your answers with a partner.

1 How many candles are there in total?

100 100 10 10 10 +
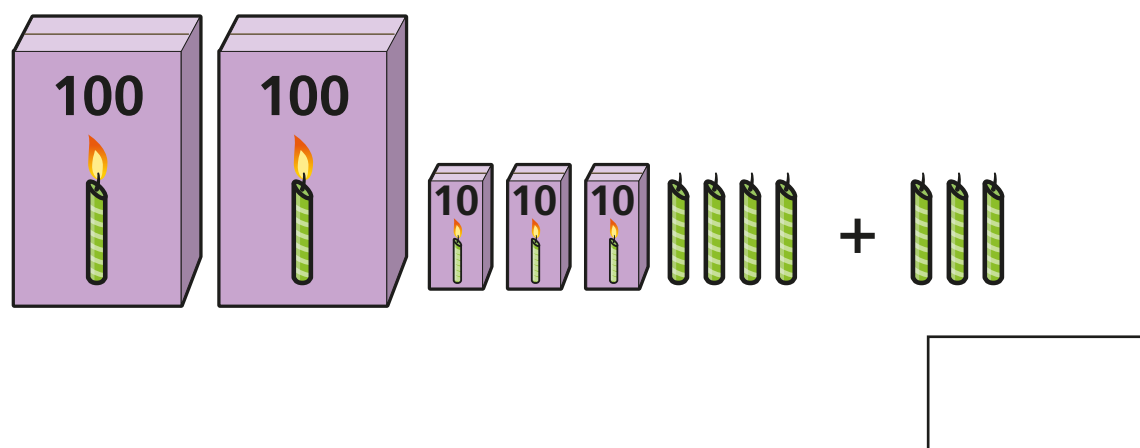
2 Amir has made the number 325
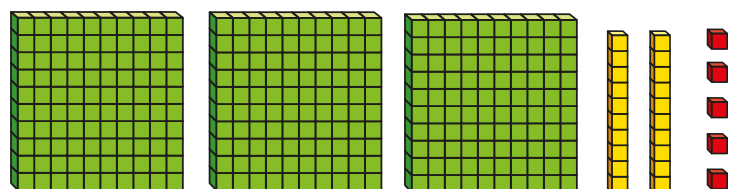
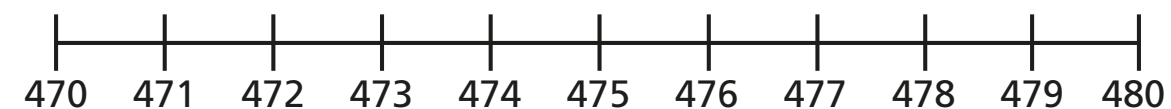Amir subtracts 3 ones from his number.

a) Write a calculation to show what Amir has done.

[ ] – [ ]

b) What is the answer to the calculation?

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) $475 + 1 =$ [ ]   **b)** $475 - 1 =$ [ ]

$475 + 2 =$ [ ] $475 - 2 =$ [ ]

$475 + 3 =$ [ ] $475 - 3 =$ [ ]

$475 + 4 =$ [ ] $475 - 4 =$ [ ]

$475 - 5 =$ [ ]

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? [ ]

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 = [ ]

g) [ ] = 625 + 3

b) 276 − 4 = [ ]

h) [ ] = 488 − 7

c) 311 − 1 = [ ]

i) 724 + [ ] = 728

d) 311 + 5 = [ ]

j) 394 − [ ] = 393

e) 3 + 405 = [ ]

k) [ ] + 913 = 918

f) 278 − 4 = [ ]

l) 186 − [ ] = 184

6 Nijah collects stamps.

She has 526 stamps.

She collects 3 more.

How many stamps does she have now?

[ ]

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

Use all 4 cards each time.

[1] [3] [6] [9]

[ ][ ][ ] + [ ] = 397

[ ][ ][ ] − [ ] = 133

[ ][ ][ ] + [ ] = 397

[ ][ ][ ] − [ ] = 166

8 Work out the missing digits.

a) 7_4 + 4 = _8_

b) 97_ + 3 = 9_3

c) _78 − [ ] = 173

9 Aisha wants to work out 764 + 3 + 2

Show two ways she can do this.

_____

_____

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.
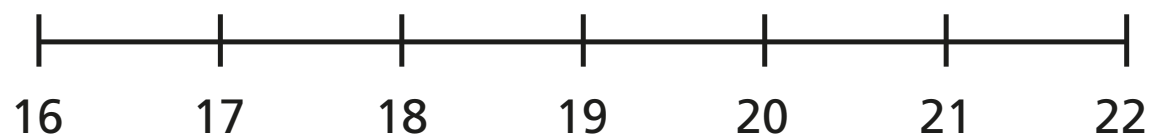
_____

_____

Compare answers with a partner.

White Rose Maths

Add a 2-digit and a 1-digit number – crossing ten

1 **a)** Use the number line to complete the calculations.

```
 ├────┼────┼────┼────┼────┼────┤
16   17   18   19   20   21   22
```

16 + 1 = ☐   16 + 4 = ☐

16 + 2 = ☐   16 + 5 = ☐

16 + 3 = ☐   16 + 6 = ☐

b) Work out 16 + 7

16 + 7 = ☐

Talk to a partner about how you did it.

2 Use number bonds to complete the additions.

The first one has been done for you.

a) 17 + 5

3   2

20 + **2** = **22**

b) 6 + 7

4   3

10 + **3** = ☐

c) 15 + 9

☐ + ☐ = ☐

3 Complete the additions.

a) $14 + 9 = \boxed{}$ **d)** $7 + 15 = \boxed{}$

b) $18 + 4 = \boxed{}$ **e)** $4 + 19 = \boxed{}$

c) $19 + 6 = \boxed{}$ **f)** $18 + 3 = \boxed{}$
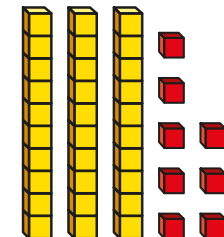
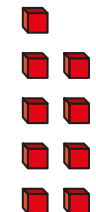**4** Which two representations show 10?

Tick your answers.
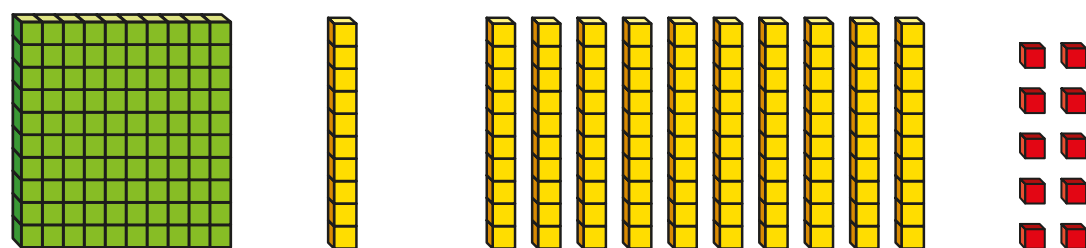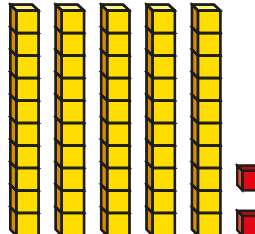
What is the same about the two representations?
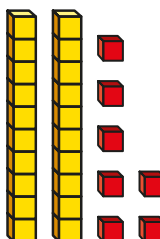
What is different?

5 Complete the additions.

a)

b)

c)

d)

6 Complete the number sentences.

a) $25 + 6 = \boxed{}$ **e)** $74 + 9 = \boxed{}$

b) $38 + 4 = \boxed{}$ **f)** $64 + 9 = \boxed{}$

c) $9 + 52 = \boxed{}$ **g)** $54 + 8 = \boxed{}$

d) $3 + 27 = \boxed{}$ **h)** $4 + 58 = \boxed{}$

Add 3-digit and 1-digit numbers – crossing 10

1 a) Work out 185 + 7

| | | | | | | | | | | |
|184|185|186|187|188|189|190|191|192|193|194|
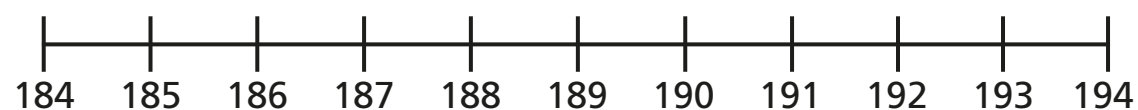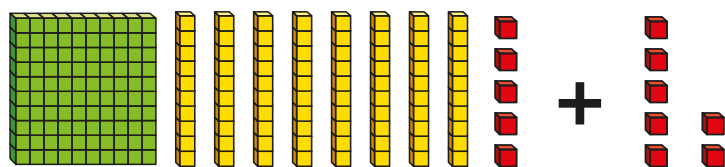
185 + 7 = ⬚

How did you work this out?

b) Work out 348 + 6

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

+

| | | | | | | | | | | |
|347|348|349|350|351|352|353|354|355|356|357|
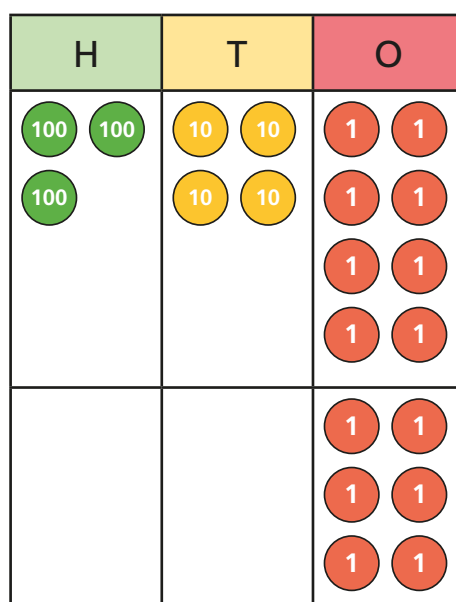
348 + 6 = ⬚

2 Work out these additions.

Use two jumps on the number lines.

a) 635 + 8 = ⬚

| | | | | | | | | | | |
|634|635|636|637|638|639|640|641|642|643|644|

b) 242 + 9 = ⬚

| | | | | | | | | | | |
|241| | | | | | | | | |251|
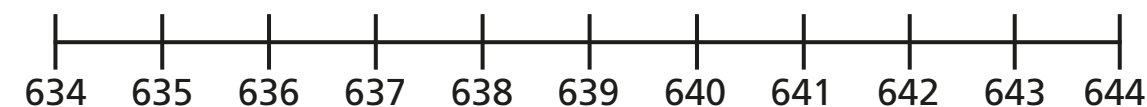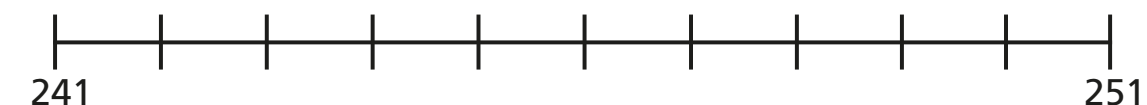
c) 344 + 7 = ⬚

	344	350	

3 Work out the additions.

a) 295 + 6 = ⬚   **c)** 8 + 424 = ⬚

b) 662 + 8 = ⬚   **d)** ⬚ = 825 + 9

4 **a)** Circle the calculations with an answer that ends in a zero.

426 + 6   422 + 5   427 + 3

429 + 1   420 + 8   423 + 7

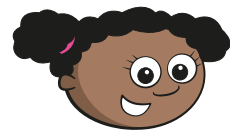**b)** Write the missing digits.

376 + ☐ = 380   53_ + 5 = 540

219 + ☐ = 220   2 + 65_ = 660

5

When you add a 3-digit and a 1-digit number together, only the ones digit in the 3-digit number will change.

Is Whitney correct? _____

Explain your answer.

_____

_____

6 Work out the missing digits.

a) 34_ + 7 = 352   **d)** 9 + 17_ = 1_8

b) 725 + ☐ = 731   **e)** 34_ + 7 = 3_5

c) 45_ + 3 = 462   **f)** _ _5 + 8 = 323

7 Arrange the digit cards to make a sum where the answer is a multiple of 5

| 1 | 7 | 8 | 9 |

Find 4 different sums.

☐☐☐ + ☐ = ☐

☐☐☐ + ☐ = ☐

☐☐☐ + ☐ = ☐

☐☐☐ + ☐ = ☐

8 Mo has £232 in his bank account.

Rosie has £237 in her bank account.

Mo puts £9 into his bank account.

Rosie puts some money into her account.

Now they both have the same amount of money.

How much did Rosie put into her account?

☐