Dear Parents/Carers,
This powerpoint takes the children through the learning sequence. If possible please talk through the slides with your child and check their understanding. The slides start at a basic level to re-cap previous learning.

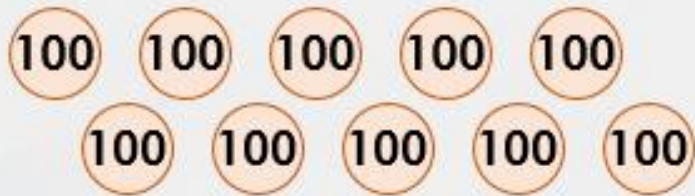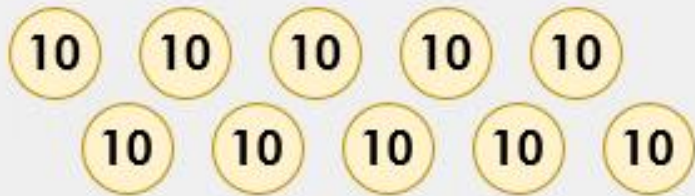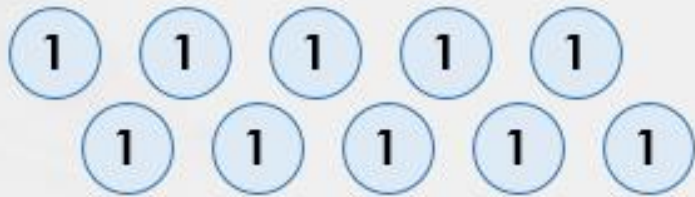# Consolidation of addition and subtraction

18.6.20

18.6.20

LO: I can add a 3 digit number to a 3 digit number.

# Starter


Match each group of counters with their equivalent value.

# Starter - answer
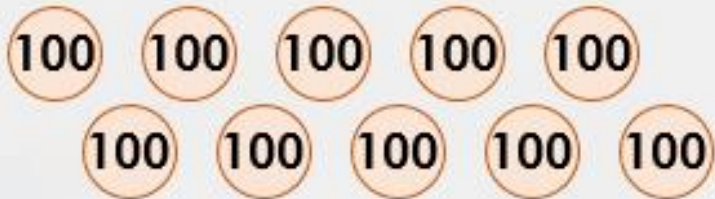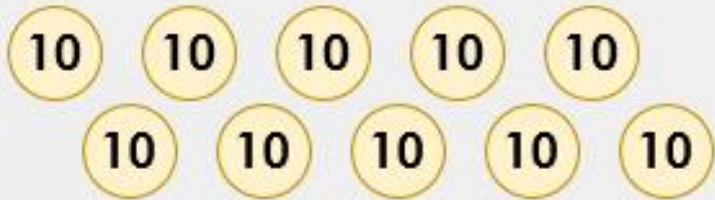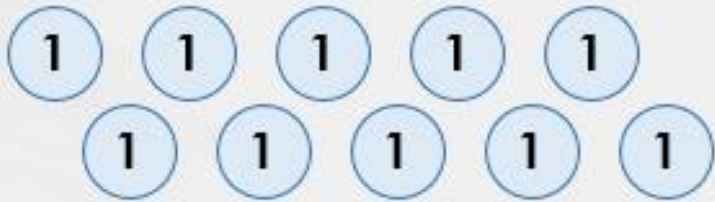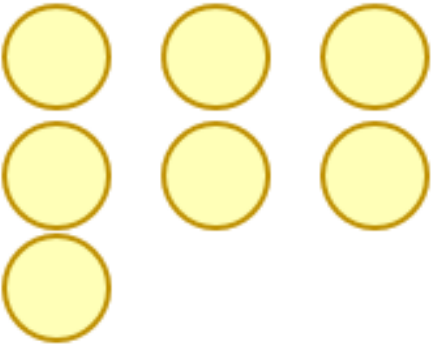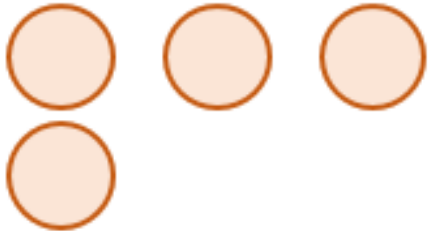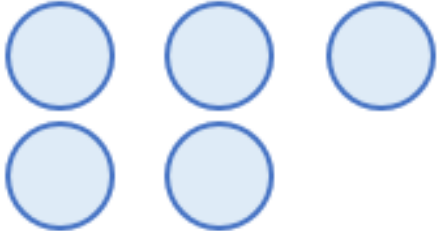


Match each group of counters with their equivalent value.
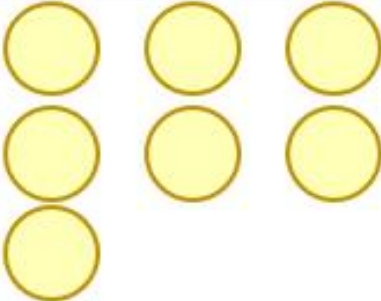
# Descriptive Teaching

**What is the total of the numbers shown below?**
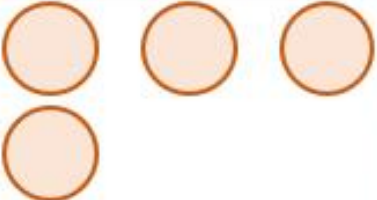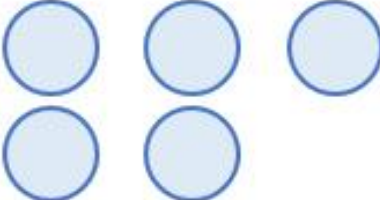
| H | T | O |
|---|---|---|
| (yellow circles) | 1 | (orange circles) |
| 2 | (blue circles) | 9 |

+

Discuss with an adult or write the calculations in your book.

# Descriptive Teaching - Answer



What is the total of the numbers shown below?

| H | T | O |
|---|---|---|
| (yellow counters) | 1 | (orange counters) |
| 2 | (blue counters) | 9 |

714 + 259 = 973

# Descriptive Doing



Complete the column addition below.

|   | H | T | O |
|---|---|---|---|
|   | ●●● | 4 | 7 |
| + | ●● | 8 | ● |
|   |   |   |   |
|   |   |   |   |

The place value counters are representing digits within the number. Remember to regroup the tens!

# Descriptive Doing - Answer

# Reflective Teaching

Libby has 286 marbles. Grace has 155 marbles.

How many marbles do they have altogether?

|   | 2 | 8 | 6 |
|---|---|---|---|
| + | 1 | 5 | 5 |
|   |   |   |   |
|   |   |   |   |

Use the formal written method in your book to work out the answers.

# Reflective Teaching - Answers

Libby has 286 marbles. Grace has 155 marbles.

How many marbles do they have altogether?

|   | 2 | 8 | 6 |
|---|---|---|---|
| + | 1 | 5 | 5 |
|   | **4** | **4** | **1** |
|   | 1 | 1 |   |

# Reflective Doing

True or false? The answer to the addition below is correct.

| | H | T | O |
|---|---|---|---|
| | 3 | 8 | 5 |
| + | 4 | 6 | 2 |
| | 8 | 5 | 7 |
| | 1 | | |

# Reflective Doing - Answers

True or false? The answer to the addition below is correct.

| | H | T | O |
|---|---|---|---|
| | 3 | 8 | 5 |
| + | 4 | 6 | 2 |
| | 8 | 5 | 7 |
| | | 1 | |

**False because the digits in the tens columns have been added incorrectly. 385 + 462 = 847.**
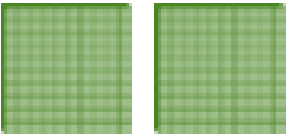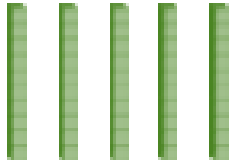
# Independent work

The following slides are questions for you to work through independently.

There are 3 sets of work - 1 chili (the easiest), 2 chilies, 3 chilies (the hardest).  Choose one set you feel most comfortable with.
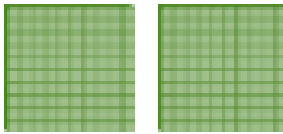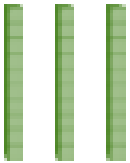
# Independent work



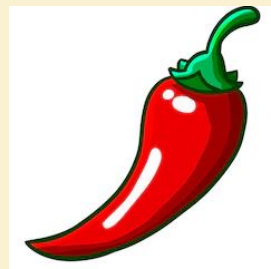## 1a. What is the total of the numbers shown below?

| H | T | O |
|---|---|---|
| 4 | 3 | 3 |
| (2 hundreds blocks) | (6 tens blocks) | (6 ones blocks) |

+

## 1b. What is the total of the numbers shown below?

| H | T | O |
|---|---|---|
| (2 hundreds blocks) | (3 tens blocks) | (3 ones blocks) |
| 6 | 5 | 4 |

+

3   VF

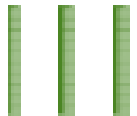3   VF
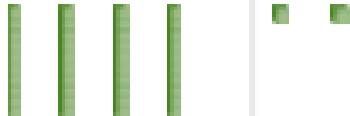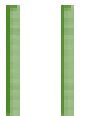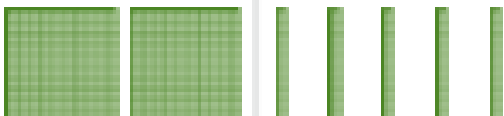
# Independent work



## 2a. Complete the column addition below.

|   | H | T | O |
|---|---|---|---|
|   |   | ||| | 7 |
| + | 4 | |||| | ·· |
|   |   |   |   |

## 2b. Complete the column addition below.

|   | H | T | O |
|---|---|---|---|
|   | 3 | || | 5 |
| + | ▭▭ | ||||| | 7 |
|   |   |   |   |

3   VF        3   VF
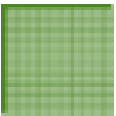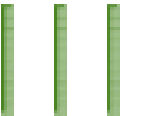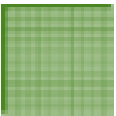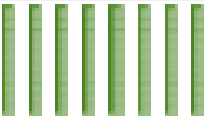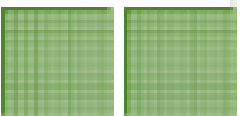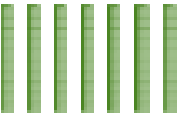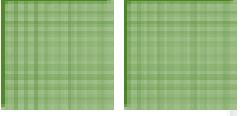
# Independent work



3a. Max collects 133 football cards. Harvey collects 181. How many cards do they have altogether?

| | H | T | O |
|---|---|---|---|
| | | | |
| + | | | |
| | | | |

3b. Henry scores 278 on a computer game. Liam scores 213. What is their total score?

| | H | T | O |
|---|---|---|---|
| | | | |
| + | | | |
| | | | |

# Independent work



**4a. True or false? The answer to the addition below is correct.**

|   | H | T | O |
|---|---|---|---|
|   | 6 | 0 | 4 |
| + | <image: hundred square> | <image: one ten stick> | <image: 9 ones> |
|   | 7 | 2 | 4 |

1

3  VF

**4b. True or false? The answer to the addition below is correct.**

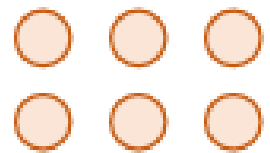|   | H | T | O |
|---|---|---|---|
|   | 3 | 7 | 3 |
| + | <image: two hundred squares> | <image: 5 ten sticks> | <image: 4 ones> |
|   | 6 | 2 | 7 |

1

3  VF
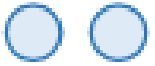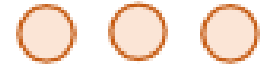
# Independent work



5a. What is the total of the numbers shown below?

| H | T | O |
|---|---|---|
| 3 | 7 | 3 |
| ○ ○ ○ | ○ ○ | ○ ○ ○ ○ ○ ○ |

+

5b. What is the total of the numbers shown below?

| H | T | O |
|---|---|---|
| ○ ○ | ○ ○ ○ ○ | ○ ○ ○ |
| 6 | 9 | 8 |

+

3   VF

3   VF
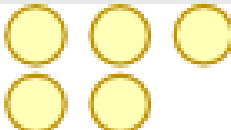
# Independent work



## 6a. Complete the column addition below.

| | H | T | O |
|---|---|---|---|
| | 6 | ○ ○ ○ | 4 |
| + | ○ ○ | 8 | ○ |
| | | | |

## 6b. Complete the column addition below.

| | H | T | O |
|---|---|---|---|
| | ○ ○ ○ ○ ○ | 3 | 0 |
| + | 3 | ○ ○ ○ ○ | 6 |
| | | | |

# Independent work

**7a.** Mike scores 284 in a round of darts. His friend scores 348. What is the total of their scores?

```
    2  8  4
+   3  4  8
_____

_____
```

3  VF

**7b.** Jade collects 163 conkers and Isla collects 284. How many conkers do they have altogether?

```
    1  6  3
+   2  8  4
_____

_____
```

3  VF

# Independent work
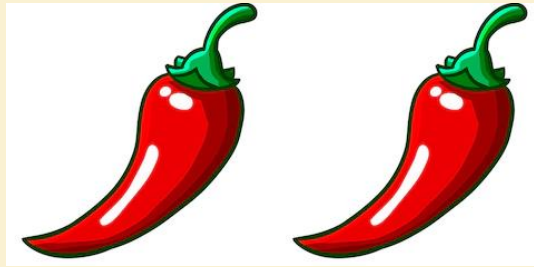


## 8a. True or false? The answer to the addition below is correct.

| | H | T | O |
|---|---|---|---|
| | 3 | 7 | 3 |
| + | 6 | 1 | 7 |
| | 9 | 9 | 0 |
| | | 1 | |

## 8b. True or false? The answer to the addition below is correct.

| | H | T | O |
|---|---|---|---|
| | 2 | 6 | 6 |
| + | 3 | 2 | 5 |
| | 5 | 8 | 1 |
| | | 1 | |
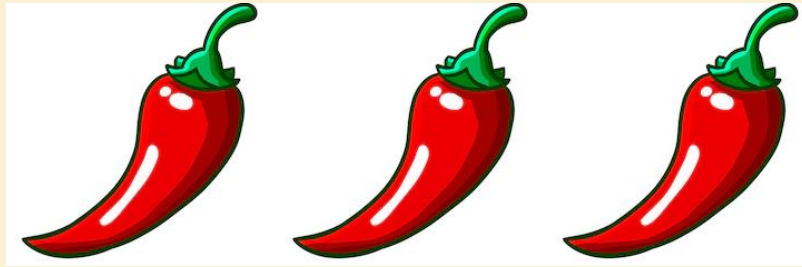
# Independent work



**9a. What is the total of the numbers shown below?**

476   359
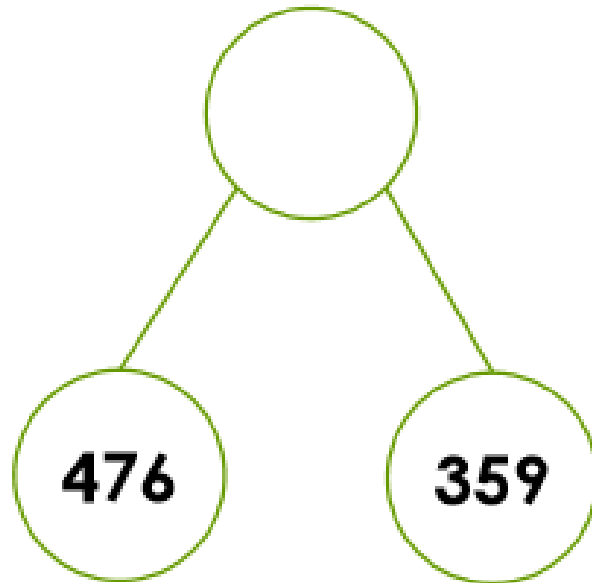
**9b. What is the total of the numbers shown below?**

339   164

3  VF

3  VF
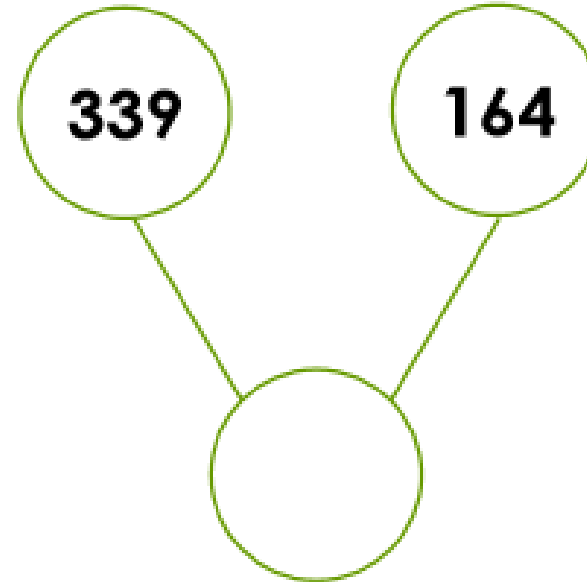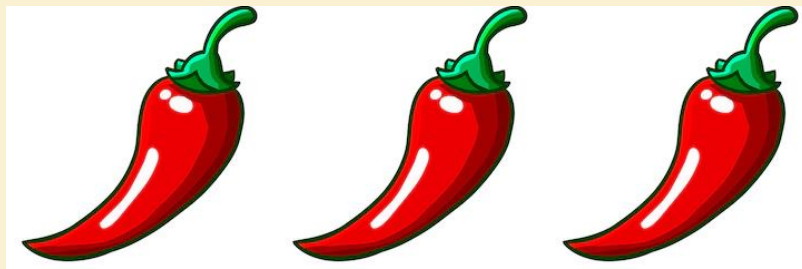
# Independent work



| 10a. Complete the additions below. | 10b. Complete the additions below. |
| --- | --- |
| A. 3 7 7 + 3 5 9 = _____ | A. 1 1 8 + 8 7 6 = _____ |
| B. 1 6 3 + 4 8 2 = _____ | B. 4 0 7 + 2 5 4 = _____ |

# Independent work

11a. Connor raises £352 in sponsorship money. Scott raises five hundred and seventy-nine pounds.

What is the total amount of money?

11b. Ava has collected two hundred and ninety-seven building bricks. Her sister, Jessie has 315 bricks.

How many bricks do they own altogether?

# Independent work



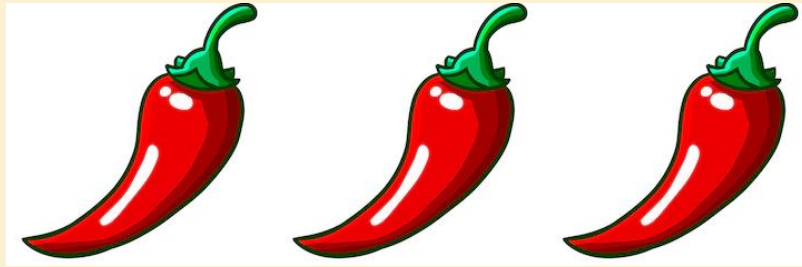| 12a. True or false? The answer to the addition below is correct. | | 12b. True or false? The answer to the addition below is correct. | |
|---|---|---|---|
| nine hundred and eleven | | nine hundred and thirty | |
| three hundred and forty-eight | 563 | 271 | six hundred and forty-nine |

3 VF

3 VF

# Answers

**Developing**
1a. 690
2a. 579
3a. 314
4a. False because 604 + 119 = 723, not 724.

**Expected**
5a. 699
6a. 915
7a. 632
8a. True

**Greater Depth**
9a. 835
10a. A = 736 and B = 645
11a. 931
12a. True

**Developing**
1b. 887
2b. 582
3b. 491
4b. True

**Expected**
5b. 941
6b. 876
7b. 447
8b. False because 266 + 325 = 591, not 581.

**Greater Depth**
9b. 503
10b. A = 994 and B = 661
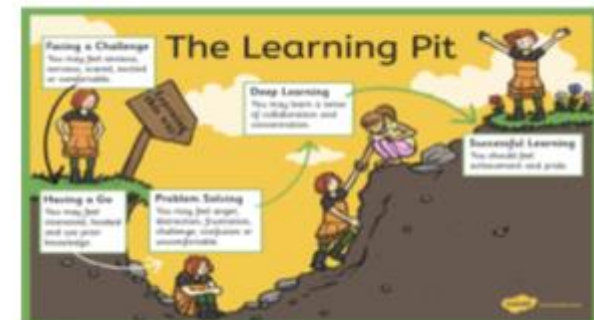11b. 612
12b. False because 271 + 649 = 920, not 930.

# Reflection Time

## Which digits are hidden underneath the splats?

| | 5 | 8 | 7 |
|---|---|---|---|
| + | ■ | 4 | ■ |
| | 8 | 3 | 3 |
| | | 1 | 1 |

Take time to reflect

The Learning Pit

# Reflection Time - Answers

Which digits are hidden underneath the splats?

|   | 5 | 8 | 7 |
|---|---|---|---|
| + | **2** | 4 | **6** |
|   | 8 | 3 | 3 |
|   | 1 | 1 |   |

Take time to reflect

The Learning Pit