

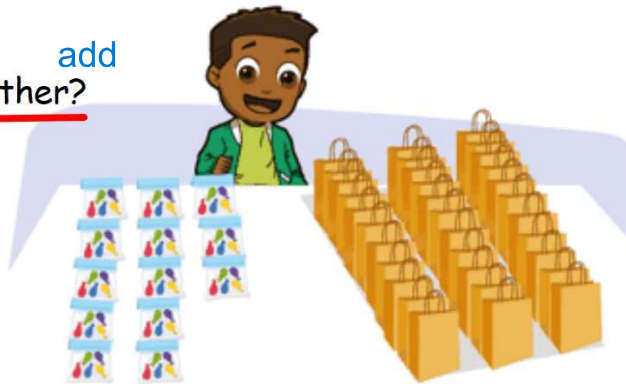
## Look Back

Eddy bought 33 gift bags and 65 balloons for his party.

How many items did Eddy buy altogether? <sup>add</sup>

Tens    Ones

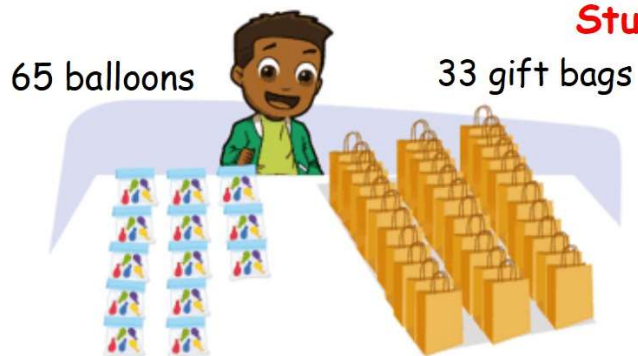
$$\begin{array}{r} 3 \quad 3 \\ + 6 \quad 5 \\ \hline 9 \quad 8 \end{array}$$



$33 + 65 = 98$ . Eddy bought 98 items altogether

We start adding from the digits in the ones place.

**Student's Book p.44**



- How many more balloons than gift bags did Eddy buy?

we will need to find the **difference** between the balloons and the gift bags.

**Difference = Subtraction**



let's find the difference between the balloons and the gift bags

|      |      |
|------|------|
| tens | ones |
|------|------|

|                                       |   |                              |
|---------------------------------------|---|------------------------------|
| 6                                     | 5 |                              |
| - 3                                   | 3 |                              |
| <hr style="border: 1px solid blue;"/> |   |                              |
| 3                                     | 2 | more balloons than gift bags |

We start subtracting from the digits in the ones place.

## Thinking Cap

Izzy bought 59 gift bags and 150 balloons for her party.

How many items did Izzy buy altogether? <sup>add</sup> **A**

How many more balloons than gift bags did Izzy buy? **B**



**A. Altogether = ADD**

|   | Hundreds | Tens | Ones |       |
|---|----------|------|------|-------|
|   | 1        | 5    | 0    |       |
| + |          | 5    | 9    |       |
|   | 2        | 0    | 9    | items |

## Thinking Cap

Izzy bought 59 gift bags and 150 balloons for her party.

How many items did Izzy buy altogether? <sup>A</sup>

How many more balloons than gift bags did Izzy buy? <sup>B</sup>



How many more balloons than gift bags did Izzy buy?

Let's find the **Difference**. remember Difference = Subtract

| Hundreds                               | Tens                       | Ones                       |                               |
|----------------------------------------|----------------------------|----------------------------|-------------------------------|
| <del>1</del> <sup>0</sup>              | <del>5</del> <sup>14</sup> | <del>0</del> <sup>10</sup> |                               |
| <hr style="border: 1px solid black;"/> |                            |                            |                               |
| 0                                      | 9                          | 1                          | more balloons than gift bags. |

## Let's Learn

Student's Book p.45

### (a) Number of Fish in a Pond

There are 457 fish in a pond.

Jean adds 132 fish into the pond.

How many fish are there altogether? <sup>add</sup>

Estimate the sum first.

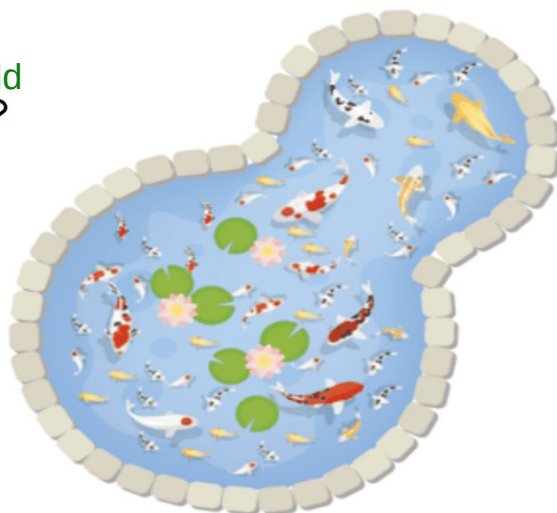
round up or down to the nearest **100**

4**5**7 is about 500.

1**3**2 is about 100.

$$500 + 100 = 600$$

The sum is about 600.



## (a) Number of Fish in the Pond

**Step 1:**

Add the **ones**.

$$\begin{array}{r} 4 \quad 5 \quad 7 \\ + \quad 1 \quad 3 \quad 2 \\ \hline \quad \quad 9 \end{array}$$

**Step 2:**

Add the **tens**.

$$\begin{array}{r} 4 \quad 5 \quad 7 \\ + \quad 1 \quad 3 \quad 2 \\ \hline \quad 8 \quad 9 \end{array}$$

**Step 3:**

Add the **hundreds**.

$$\begin{array}{r} 4 \quad 5 \quad 7 \\ + \quad 1 \quad 3 \quad 2 \\ \hline 5 \quad 8 \quad 9 \end{array}$$

There are 589 fish altogether.

## (b) Number of People in a Train

There are 749 people on a train. 433 people leave the train.

How many people are still in the train?

Estimate the difference first.

Round up or down to the nearest **100**

7**4**9 is close to 700.

4**3**3 is close to 400.

$$700 - 400 = 300$$

The difference is about 300.

We can decompose 749 and 433.

$$\begin{array}{r} 749 = 700 + 40 + 9 \\ 433 = 400 + 30 + 3 \\ \hline 300 + 10 + 6 \\ \hline = 316 \end{array}$$





## (b) Number of People in a Train

**Step 1:**

Subtract the **ones**.

$$\begin{array}{r} 749 \\ - 433 \\ \hline \end{array}$$

6

**Step 2:**

Subtract the **tens**.

$$\begin{array}{r} 749 \\ - 433 \\ \hline \end{array}$$

16

**Step 3:**

Subtract the **hundreds**.

$$\begin{array}{r} 749 \\ - 433 \\ \hline \end{array}$$

316

316 people are still in the train.

## (c) Number of Eggs in the Basket

Dawn has 38 eggs in a basket.  
She puts 49 more eggs into the basket. add  
How many eggs are there in the basket altogether?



First estimate the sum:

Round up or down to the nearest **10**

- 3**8** is about 40.
- 4**9** is about 50.
- $40 + 50 = 90$ .

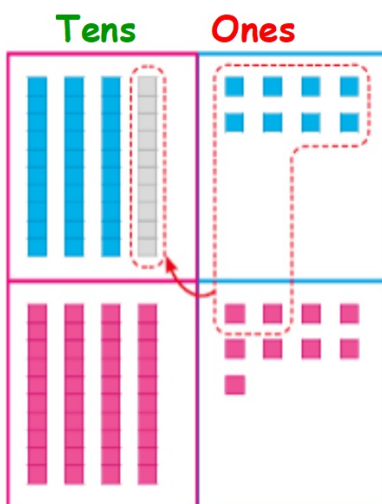
There are about 90 eggs in the basket altogether.

Estimate the sum first.



**Student's Book p.46**

Dawn has 38 eggs in a basket.  
She puts 49 more eggs into the basket.  
How many eggs are there in the basket altogether?

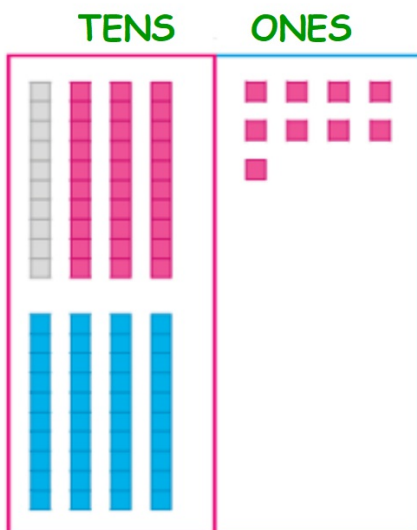


17 ones = 1 ten 7 ones

**Step 1:** Add the ones.

|   | 10s | 1s |
|---|-----|----|
|   | 3   | 8  |
| + | 4   | 9  |
|   |     | 7  |

### (c) Number of Eggs in the Basket



**Step 2:** Add the tens.

|   | 10s | 1s |
|---|-----|----|
|   | 1   |    |
|   | 3   | 8  |
| + | 4   | 9  |
|   | 8   | 7  |

There are 87 eggs altogether.

## (d) Number of Roses Sold

A florist has 432 roses. She sold some roses.

She has 318 roses **left**.

How many roses did she sell?

First estimate the difference:

round up or down to the **nearest 100**

- 4**3**2 is about 400.
- 3**1**8 is about 300.
- $400 - 300 = 100$ .

The florist sold about 100 roses.

Student's Book p.47



Estimate the difference first.



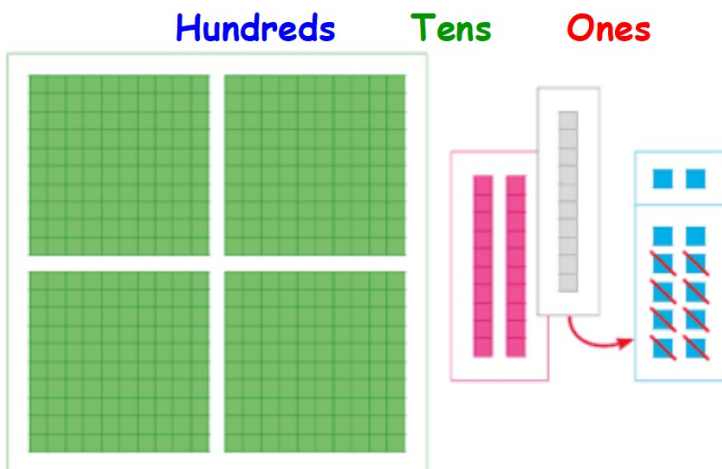
## (d) Number of Roses Sold

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How many roses did she sell?

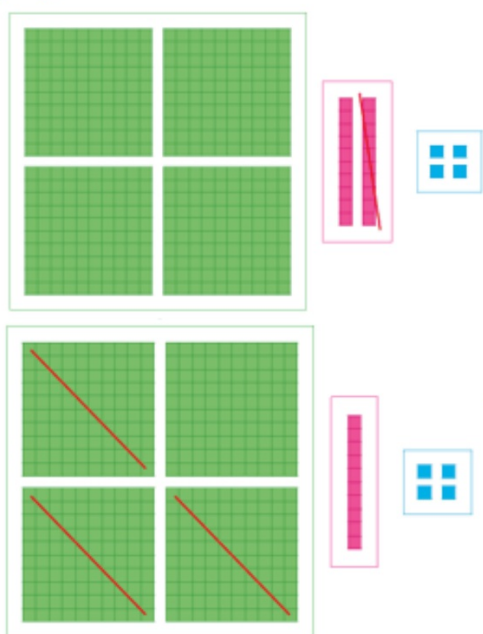
**Step 1:** Subtract the ones.



| 100s | 10s          | 1s            |
|------|--------------|---------------|
| 4    | <del>2</del> | <del>12</del> |
| 3    | 1            | 8             |
|      |              | 4             |

## (d) Number of Roses Sold

Student's Book p.47



**Step 2:** Subtract the tens.

| 100s | 10s          | 1s            |
|------|--------------|---------------|
| 4    | <del>2</del> | <del>12</del> |
| - 3  | 1            | 8             |
|      | 1            | 4             |

**Step 3:** Subtract the hundreds.

| 100s | 10s          | 1s            |
|------|--------------|---------------|
| 4    | <del>2</del> | <del>12</del> |
| - 3  | 1            | 8             |
| 1    | 1            | 4             |

$$432 - 318 = 114$$

The florist sold 114 roses.

## Let's Practise

1 Estimate. Then add.

**a**

$$\begin{array}{r} 400 \\ + 300 \\ \hline 700 \end{array}$$

$$\begin{array}{r} 446 \\ + 252 \\ \hline 698 \end{array}$$

**b**

$$\begin{array}{r} 538 \\ + 135 \\ \hline 673 \end{array}$$

$$\begin{array}{r} 500 \\ + 100 \\ \hline 600 \end{array}$$

2 Estimate. Then subtract.

**a**

$$\begin{array}{r} 400 \\ - 200 \\ \hline 100 \end{array}$$

$$\begin{array}{r} 385 \\ - 213 \\ \hline 172 \end{array}$$

**b**

$$\begin{array}{r} 884 \\ - 47 \\ \hline 837 \end{array}$$

$$\begin{array}{r} 810 \\ - 50 \\ \hline 760 \end{array}$$



Student's Book p.48

- 3 Barry has 536 marbles. His brother gives him 305 marbles.  
Barry gives some marbles to Jaya.  
He has 432 marbles left.  
How many marbles does Barry give Jaya?



536 is close to 500. 305 is close to 300.  $500 + 300 = 800$ .

432 is close to 400.  $800 - 400 = 400$ . The answer is close to 400.

$$536 + 305 = 841$$

$$841 - 432 = 409$$

Barry gives 409 marbles to Jaya.

$$\begin{array}{r} +1 \\ 536 \\ +305 \\ \hline 841 \end{array} \quad \begin{array}{r} 311 \\ 841 \\ -432 \\ \hline 409 \end{array}$$

Student's Book p.48



4 Fill in the boxes.

a

$$\begin{array}{r}
 4 \quad 8 \quad \boxed{5} \\
 + \quad \boxed{2} \quad 0 \quad 7 \\
 \hline
 6 \quad \boxed{9} \quad 2
 \end{array}$$

b

$$\begin{array}{r}
 5 \quad \overset{8}{\cancel{9}} \quad \overset{10}{\cancel{0}} \\
 - \quad \boxed{3} \quad 4 \quad 3 \\
 \hline
 2 \quad \boxed{4} \quad 7
 \end{array}$$



Explain how you get your answer and discuss with a friend.