

+

Addition key words

ADD

SUM

ALTOGETHER

AND

-

Subtraction key words

Difference

Take away

Give away

Lose

THE SUM

In Addition the answer is more than the numbers added.

Example: $1 + 2 = 3$

3 is more than 1 and 2

THE DIFFERENCE

In Subtraction the answer is less than the greater number.

Example: $5 - 2 = 3$

3 is less than 5

Look Back

p.44

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

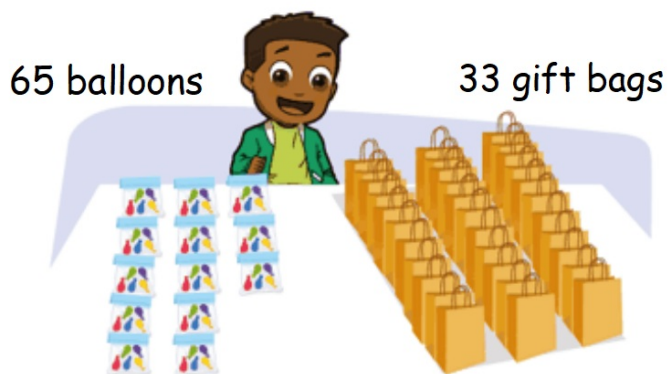
How many items did Eddy buy altogether?

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

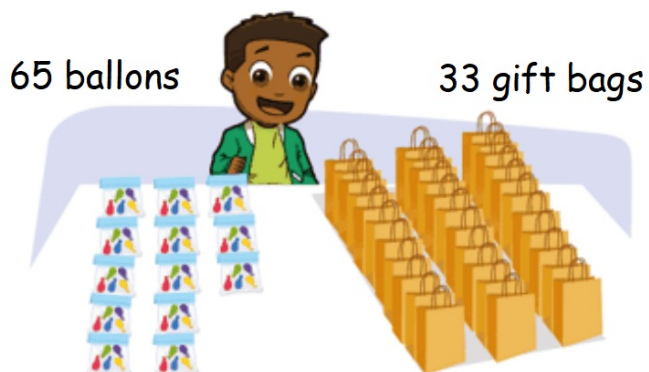


p.44

- 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



p.44

we always subtract (take away) the smaller number from the greater number

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

tens ones

$$\begin{array}{r} 6 \quad 5 \\ - 3 \quad 3 \\ \hline 3 \quad 2 \end{array}$$

more balloons than gift bags

Thinking Cap

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

How many items did Izzy buy altogether? **A**

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



p.44

A. Altogether = ADD

	Hundreds	Tens	Ones	
	⁺¹			
	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? ^A

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



How many more balloons than gift bags did Izzy buy?

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

	Hundreds	Tens	Ones	
	1 ⁰	5 ¹⁴	9 ¹⁰	
-		5	9	
	0	9	1	more balloons than gift bags.

Let's Learn

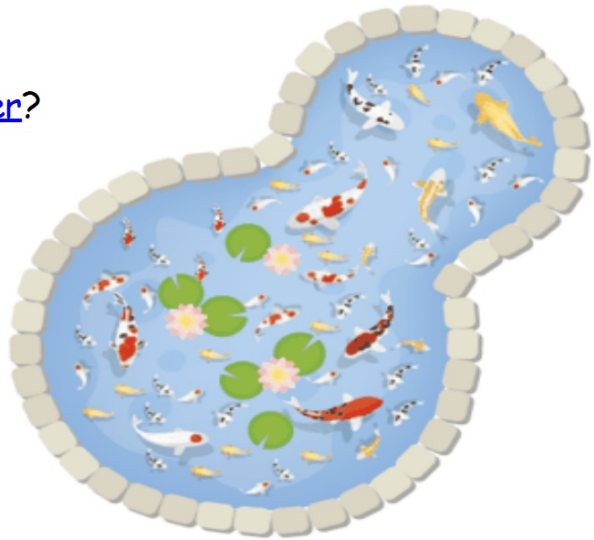
(a) Number of Fish in a Pond

p.45

There are 457 fish in a pond.

Jean adds 132 fish into the pond.

How many fish are there altogether?



(a) Number of Fish in the Pond

p.45

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

p.45

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

How many people are still in the train?

subtract

great number

-

smaller number

the difference

(b) Number of People in a Train

p.45

Step 1:

Subtract the **ones**.

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

6

Step 2:

Subtract the **tens**.

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

1 6

Step 3:

Subtract the **hundreds**.

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

3 1 6

 316 people are still in the train.

(c) Number of Eggs in the Basket

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?

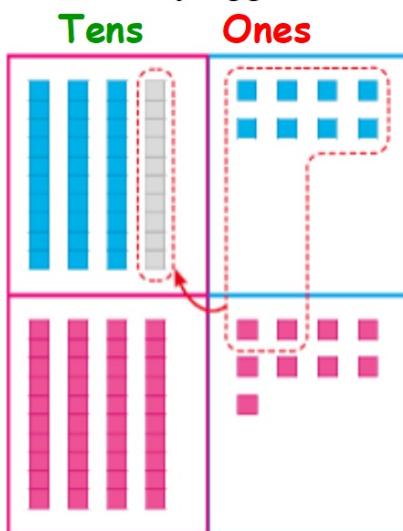


more & altogether are key words for addition

Dawn has 38 eggs in a basket.

She puts 49 more eggs into the basket.

How many eggs are there in the basket altogether?



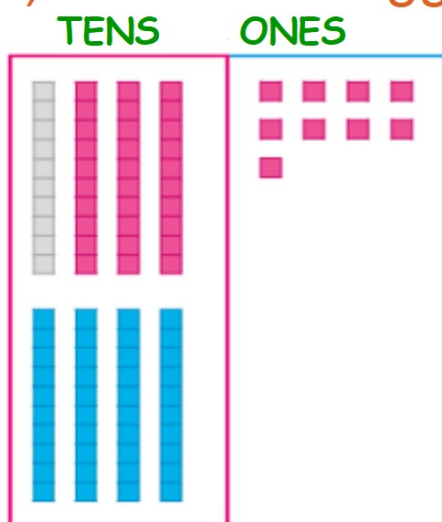
17 ones = 1 ten 7 ones

Step 1: Add the ones.

	10s	1s
	3	8
+	4	9
		7

(c) Number of Eggs in the Basket

p.46



Step 2: Add the tens.

	IOs	Is
	1	
	3	8
+	4	9
	8	7

$$49 + 38 = 87$$

There are 87 eggs altogether.

(d) Number of Roses Sold

p.47

A florist has 432 roses. She sold some roses.

She has 318 roses **left**.

How many roses did she sell?



key words for subtraction

greater number - smaller number = difference

(d) Number of Roses Sold

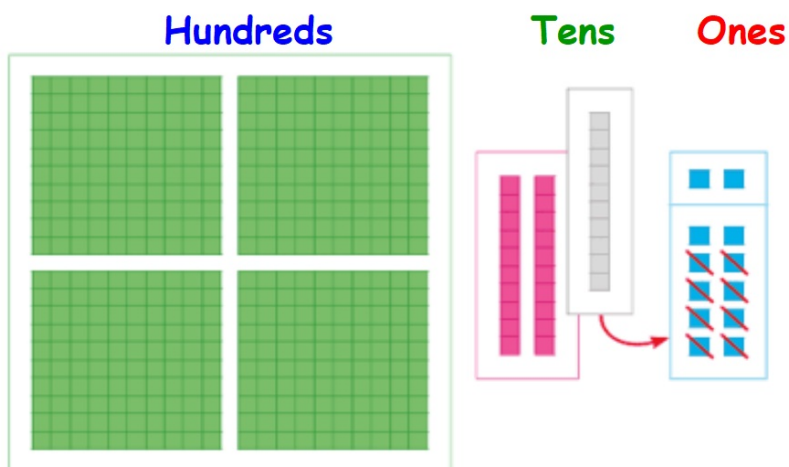
p.47

A florist has 432 roses. She sold some roses.

She has 318 roses **left**.

How many roses did she sell?

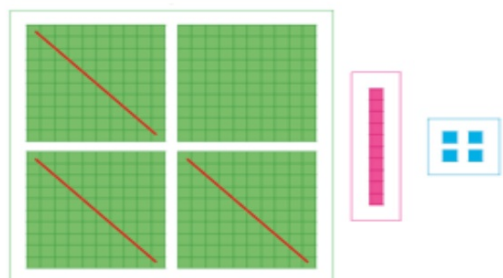
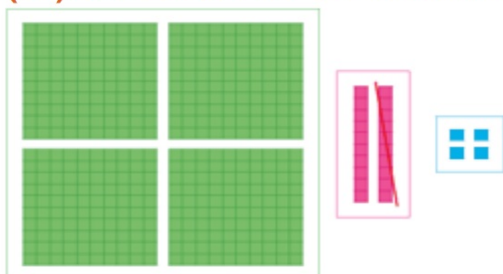
Step 1: Subtract the ones.



100s	10s	1s
4	2	12
3	1	8
		4

(d) Number of Roses Sold

p.47



Step 2: Subtract the tens.

100s	10s	1s
4	3	2
3	1	8
	1	4

Step 3: Subtract the hundreds.

100s	10s	1s
4	3	2
3	1	8
1	1	4

$$432 - 318 = \underline{114}$$

The florist sold 114 roses.

Let's Practise

1 Estimate. Then add.

$$\begin{array}{r} \text{a} \quad \begin{array}{r} 4 \quad 4 \quad 6 \\ + \quad 2 \quad 5 \quad 2 \\ \hline \end{array} \\ \quad \quad \quad \text{6} \quad \text{9} \quad \text{8} \end{array}$$

$$\begin{array}{r} \text{b} \quad \begin{array}{r} \quad 5 \quad 3 \quad 8 \\ + \quad 1 \quad 3 \quad 5 \\ \hline \end{array} \\ \quad \quad \quad \text{6} \quad \text{7} \quad \text{3} \end{array}$$

p.48

2 Estimate. Then subtract.

$$\begin{array}{r} \text{a} \quad \begin{array}{r} 3 \quad 8 \quad 5 \\ - \quad 2 \quad 1 \quad 3 \\ \hline \end{array} \\ \quad \quad \quad \text{1} \quad \text{7} \quad \text{2} \end{array}$$

$$\begin{array}{r} \text{b} \quad \begin{array}{r} \quad 8 \quad \cancel{8} \quad \cancel{4} \\ - \quad \quad 4 \quad 7 \\ \hline \end{array} \\ \quad \quad \quad \text{8} \quad \text{3} \quad \text{7} \end{array}$$

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



$$\begin{array}{r}
 1 \\
 5 3 6 \\
 + 3 0 5 \\
 \hline
 8 4 1
 \end{array}$$

$$\begin{array}{r}
 3 11 \\
 8 4 1 \\
 - 4 3 2 \\
 \hline
 4 0 9
 \end{array}$$