

Student's Book p.44

Look Back

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

How many items did Eddy buy altogether? ^{add}

Tens Ones

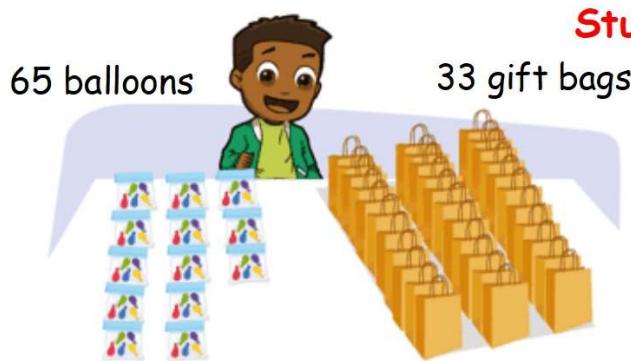
$$\begin{array}{r} 3 & 3 \\ + & 6 & 5 \\ \hline 9 & 8 \end{array}$$



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

We start adding from the digits in the ones place.

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- 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

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

tens ones

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

more balloons than gift bags

We start subtracting from the digits in the ones place.

Thinking Cap

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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

A. Altogether = ADD

Hundreds	Tens	Ones
1	5	0
+	5	9
<hr/>		
2	0	9
items		

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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	1 4	0 10

$$\begin{array}{r} \cancel{1} \ 0 \\ - \ 1 \ 5 \\ \hline \end{array}$$

0

9

1

9

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? ^{add}

Estimate the sum first.

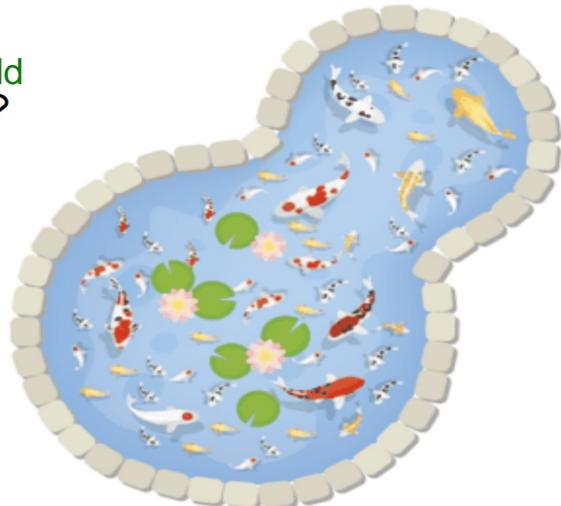
round up or down to the nearest 100

457 is about 500.

132 is about 100.

$$500 + 100 = 600$$

The sum is about 600.



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(a) Number of Fish in the Pond

Step 1:

Add the **ones**.

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

Step 2:

Add the **tens**.

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

Step 3:

Add the **hundreds**.

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

There are 589 fish altogether.

(b) Number of People in a Train Student's Book p.45

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

749 is close to 700.

433 is close to 400.

$$700 - 400 = 300$$

The difference is about 300.

We can decompose 749 and 433.

$$\begin{array}{r} 749 \\ 433 \\ \hline 300 + 10 + 6 \\ = 316 \end{array}$$



Student's Book p.45

(b) Number of People in a Train

Step 1:

Subtract the **ones**.

$$\begin{array}{r} 7 & 4 & 9 \\ - 4 & 3 & 3 \\ \hline \boxed{} & 6 \end{array}$$

Step 2:

Subtract the **tens**.

$$\begin{array}{r} 7 & 4 & 9 \\ - 4 & 3 & 3 \\ \hline \boxed{1} & 6 \end{array}$$

Step 3:

Subtract the **hundreds**.

$$\begin{array}{r} 7 & 4 & 9 \\ - 4 & 3 & 3 \\ \hline \boxed{3} & \boxed{1} & 6 \end{array}$$

— **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**

- 38 is about 40.
- 49 is about 50.
- $40 + 50 = 90$.

Estimate the sum first.



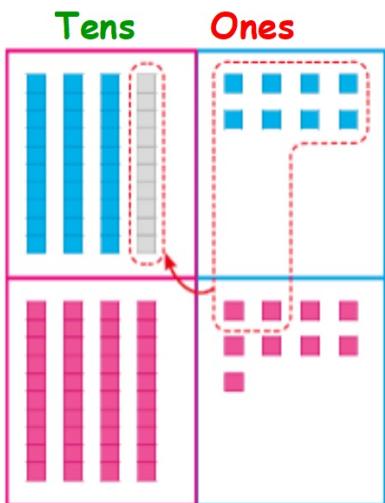
There are about 90 eggs in the basket altogether.

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Dawn has 38 eggs in a basket.

She puts 49 more eggs into the basket.

How many eggs are there in the basket altogether?



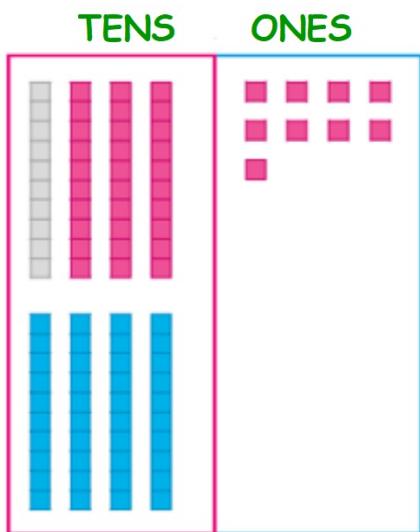
Step 1: Add the ones.

10s	1s
3	8
4	9
	7

17 ones = 1 ten 7 ones

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(c) Number of Eggs in the Basket



Step 2: Add the tens.

10s	1s
1	8
3	9
4	7

There are 87 eggs altogether.

(d) Number of Roses Sold

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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**

- 432 is about 400.
- 318 is about 300.
- $400 - 300 = 100$.

The florist sold about 100 roses.

Estimate the difference first.



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(d) Number of Roses Sold

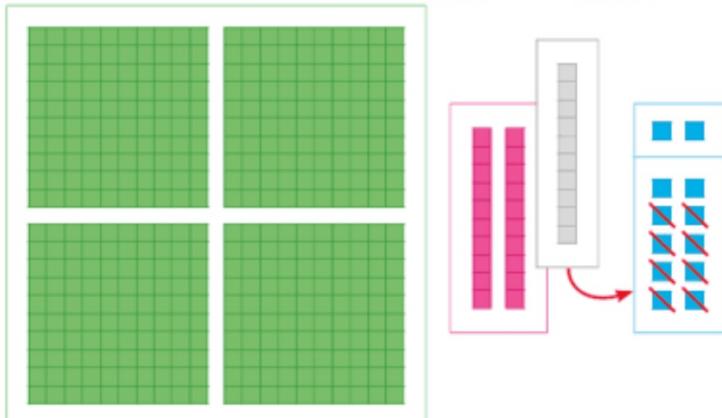
A florist has 432 roses. She sold some roses.

She has 318 roses **left**.

How many roses did she **sell**?

Step 1: Subtract the ones.

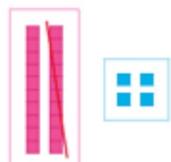
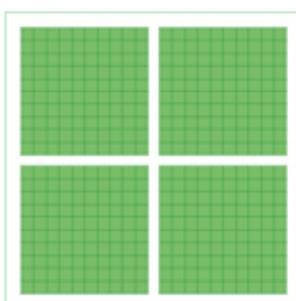
Hundreds Tens Ones



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

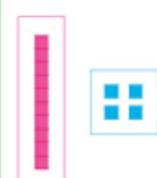
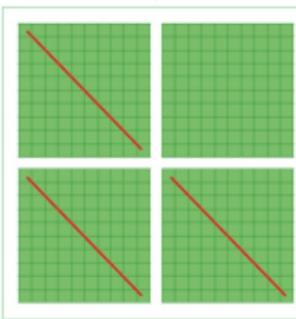
(d) Number of Roses Sold

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Step 2: Subtract the tens.

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



Step 3: Subtract the hundreds.

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

$$432 - 318 = 114$$

The florist sold 114 roses.

Let's Practise

1 ~~Estimate. Then add.~~

a

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

Start adding from the ones place.

b

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

2 ~~Estimate. Then subtract.~~

a

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

Start subtracting from the ones place.

b

$$\begin{array}{r} 8 & 8 & 4 \\ - & 4 & 7 \\ \hline 8 & 3 & 7 \end{array}$$

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1

3 Barry has 536 marbles. His brother gives him 305 marbles.

2

Barry gives some marbles to Jaya. He has 432 marbles left.

How many marbles does Barry give Jaya?



step 1

$$536 + 305 = 841$$

step 2 $841 - 432 = 409$

Barry gives 409 marbles to Jaya.

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

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4 Fill in the boxes.

a

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

b

$$\begin{array}{r} 8 & 10 \\ 9 & \cancel{0} \\ - & 3 & 4 & 3 \\ \hline 2 & 4 & 7 \end{array}$$



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