

Mathematics Calculation Routeway - Subtraction




Step 1 - Subtracting


Crossing out

2

At first, there are 5 sandwiches.



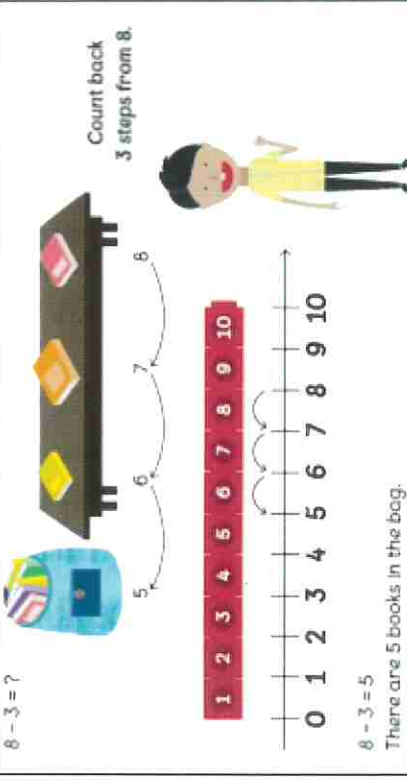
Then, I eat 1 sandwich.



How many sandwiches are left?
 $5 - 1 = 4$
There are 4 sandwiches left.

Counting back

$8 - 3 = ?$



Count back 3 steps from 8.

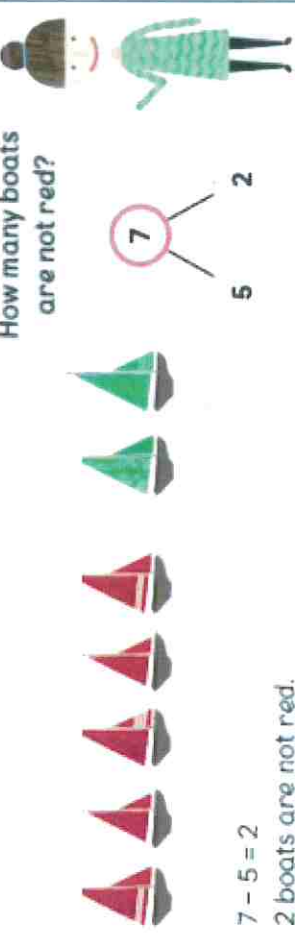
There are 5 books in the bag.

$8 - 3 = 5$

Number bond diagram

2

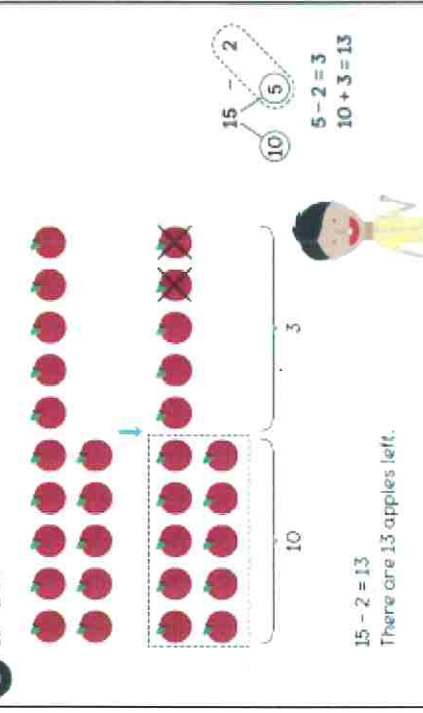
How many boats are not red?



$7 - 5 = 2$
2 boats are not red.

2

$15 - 2 = ?$



$15 - 2 = 13$
There are 13 apples left.

$5 - 2 = 3$
 $10 + 3 = 13$

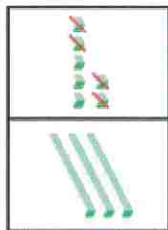
Step 2 - Subtraction: Written calculation

Let's Learn

Subtract 24 from 37.

Step 1 Subtract the ones.

7 ones - 4 ones = 3 ones

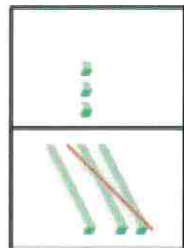


Use  to help you subtract.

tens	ones
3	7
- 2	4
—	—
1	3

Step 2 Subtract the tens.

3 tens - 2 tens = 1 ten



$$37 - 24 = 13$$

tens	ones
3	7
- 2	4
—	—
1	3

Step 3 - Subtraction with renaming

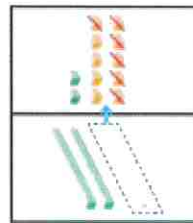
Let's Learn

Subtract 16 from 32.

Step 1 Regroup 1 ten into 10 ones.

Subtract the ones.

12 ones - 6 ones = 6 ones



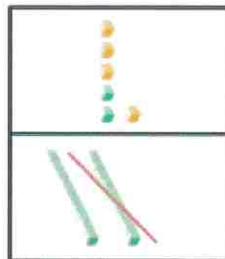
Use  to help you add.

tens	ones
2	12
- 1	6
—	—
1	6

$$12 - 6 = 6$$

Step 2 Subtract the tens.

2 tens - 1 ten = 1 ten



$$32 - 16 = 16$$

tens	ones
2	12
- 1	6
—	—
1	6


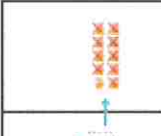
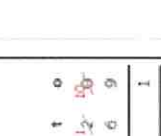
$$20 - 10 = 10$$



Step 3 - Subtraction: Written method

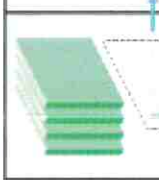

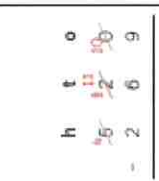
Subtract 269 from 520.

Step 1 Regroup 1 ten into 10 ones.
Subtract the ones.
10 ones - 9 ones = 1 one



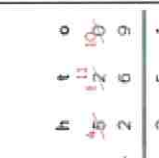
h	t	o
5	2	0
-	2	9
<hr/>		
		1

Step 2 Regroup 1 hundred into 10 tens.
Subtract the tens.
10 tens - 6 tens = 4 tens

h	t	o
3	10	1
-	6	9
<hr/>		
	4	1

Step 3 Subtract the hundreds.
4 hundreds - 2 hundreds = 2 hundreds

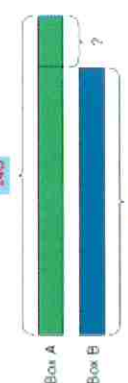
h	t	o	
2	4	1	
-	2	6	9
<hr/>			
	2	5	1

520 - 269 = 251

Bar Model (for problem solving)

Let's Learn


There are 140 rubbers in Box A and 96 rubbers in Box B.
How many fewer rubbers are there in Box B than in Box A?



Should we add or subtract?
Why?

140 - 96 = 44

There are 44 fewer rubbers in Box B than in Box A.



Steps 4-6 - Subtraction

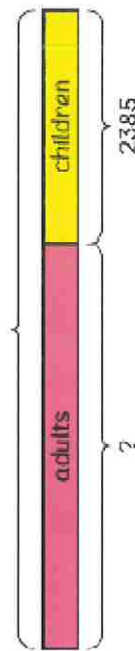
In Focus

6531 people signed up for a run.
2385 of them are children.
How many adults signed up?

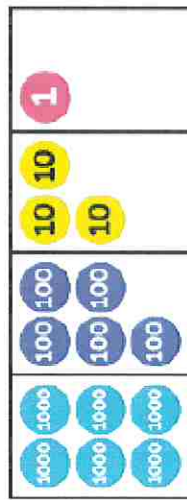


Let's Learn

1

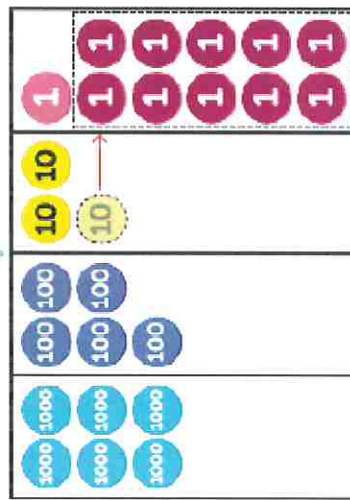


Subtract 2385 from 6531.



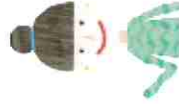
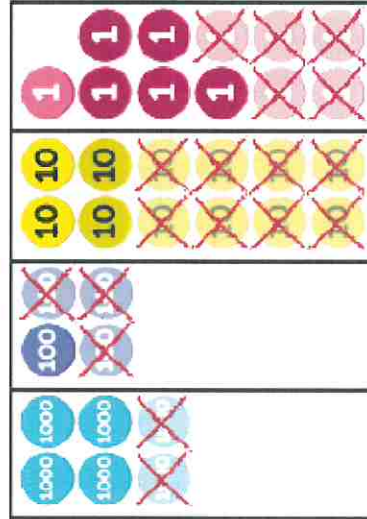
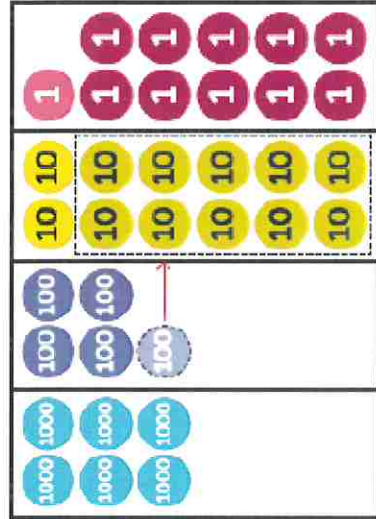
6 5 3 1

There aren't enough ones.



6 5 2 11 1

There aren't enough tens.



6 4 12 11 1

- 2 3 8 5

4 1 4 6

6 5 3 1

6531

6 thousands
4 hundreds
12 tens
11 ones

$$6531 - 2385 = 4146$$

4146 adults signed up.