

## Lesson 4

Learning Intention:  
WALT using subtraction to  
20 in word problems

Key Vocabulary:

Subtract  
Less/fewer  
Minus  
Take away

What you will need:

Pencil  
paper  
tens frames  
counters

### Starter

Numbots subtraction games 4 and 6

### Main Teaching

Today we are going to continue learning about subtraction and use the learning we have done this week so far to solve word problems.

When we are looking at word problems we need to find the words which give us the clue to subtraction. Can you remember all the words we have had so far this week that mean subtract?

We learnt already that subtraction is about what we had to start with, the whole or start number, what happened to the number, what was taken away and what was left. This is the number story.

Liz had 11 slices of pizza.  
She ate 5 slices. How many  
does she have left now?

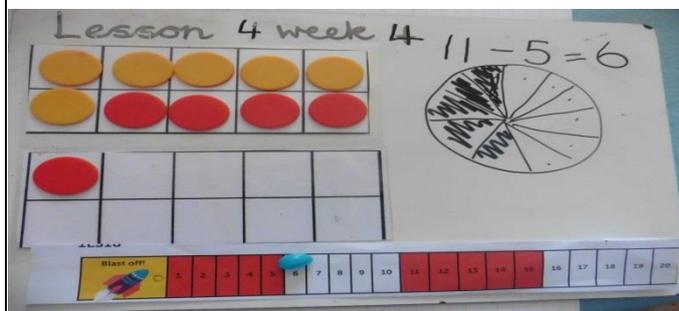


Eg. in this example we have the words  
How many does she have left?  
This is what we need to work out.

11 is the whole number. We start counting  
back from 11.

Then she ate 5, so take 5 away.

We have 6 left. This is the answer.



You can use tens frames, number  
lines, or groups of objects to help  
you. It's not only about the answer  
but how we prove it.

You are expected to complete challenge 1, 2 and 3. Challenge X is an extension challenge that you can choose if you would like to complete it.

### Independent Tasks

#### Challenge 1

Look at these word problems. Can you underline all the words which mean subtract. See how many of these you can solve in 1 minutes:

What is 12 minus 4?

15 less 3?

What is 1 fewer than 12?

16 take-away 4?

9 subtract 5=

Thirteen take one away. How many are left?

### Challenge 2

Subtraction Word Problem Challenge Cards

If you had 10 currant buns and 8 of them have been eaten, how many of them would you have left?



Subtraction Word Problem Challenge Cards

If you had 20 jelly beans and you have eaten 6 of them, how many would you have left?



### Challenge 3

Draw a picture to help you with this one.



Whitney has 16 sweets and eats 7 of them.

Mo has 17 sweets and eats 8 of them.



Who has more sweets left?

Explain how you know.

### Challenge X

Amir has 16 apples. Ron has none. Amir gives Ron 9 apples. Who has the most apples now? Explain how you know by drawing a picture.

### Review

Key vocabulary for subtraction word problems:

Think of the number story. Sometimes we need to find what was taken away as we know how many were left.

First: whole number

Then: what is taken away

Finally: how many are left.

**Subtract**

**Less/fewer**

**Minus**

**Take away**

You can draw a picture of the number story to help you!

Try this:  
At the beginning of the lesson  
Mrs. Walter had this many jelly beans.



At the end of the lesson she had this many

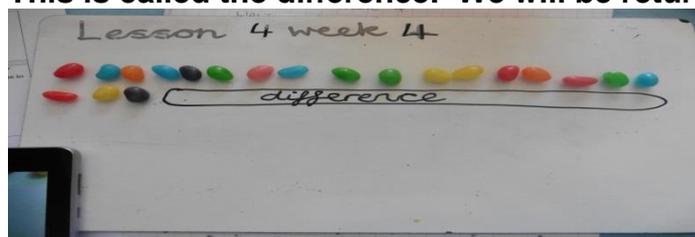


This time we know the whole number and we know what was left but we don't know how many Mrs Walter took away and ate. The number sentence looks like this:

Whole number -  = 3 that's what is left!

Can you find the mystery number? How many did she eat?

**This is called the difference. We will be returning to this later on in the term.**



### Mark Scheme – Lesson 4

Independent Tasks	
Challenge 1	
Minus Less Fewer Take away Subtract Take away and how many left	
Challenge 2	
2 14	
Challenge 3	
16-7=9 17-8=9 · They have the same	
Challenge X	
Amir gives away 9 he has 7 left. So Ron has more.	

Review
Mrs Walter ate 15 jelly beans. How greedy!