

Key concepts and questions

What is subtraction?

- Subtraction is taking a number or quantity away.
- When we subtract the answer gets smaller (unless we subtract 0)
- Subtraction cannot be done in any order, the smaller number has to be taken away from the larger number

What are subtraction facts?

- Subtraction facts are subtraction calculations
- Subtraction facts to 10 can help with subtraction facts to 20
- If you know $5 - 3 = 2$, you also know $15 - 3 = 12$



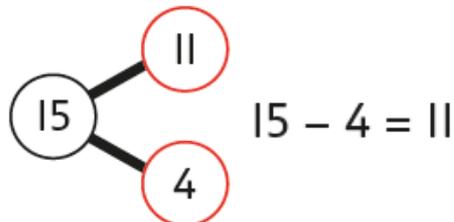
Key Vocabulary

subtract	To take one quantity or number away from another
count back	Counting backwards from a given number
ones	The number of 1s in a number
tens	The number of 10s in a number
subtraction calculation	Using numbers and symbols to write a number sentence $10 - 2 = 8$
difference	The difference between two numbers e.g. the difference between 7 and 5 is 2
partition	To break a number into smaller parts

10s	1s
1	5

Representations

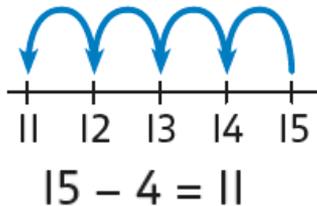
Part whole model



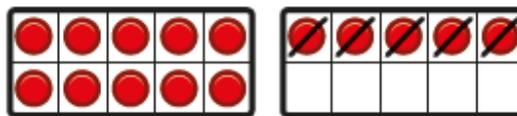
Bead string
 $15 - 3 = 12$



Counting back, on a Number line



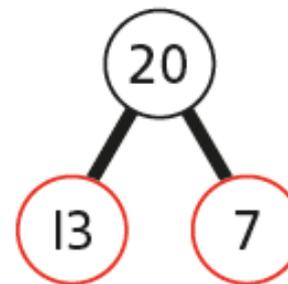
Ten frames



$15 - 5 = 10$

Making connections

Subtraction and addition are connected.



That means if we know that

$20 - 7 = 13$

we also know that

$20 - 3 = 17$

$7 + 13 = 20$

$13 + 7 = 20$