

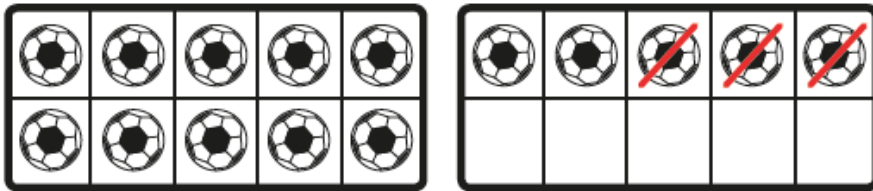
### Key concepts and questions

#### 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  $15 - 3 = 12$



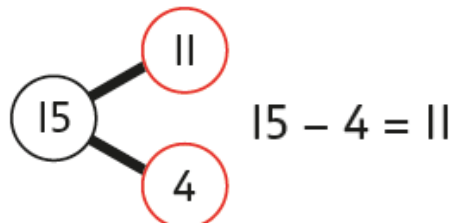
### Key Vocabulary

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	10s
tens	The number of 10s in a number	1s
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	

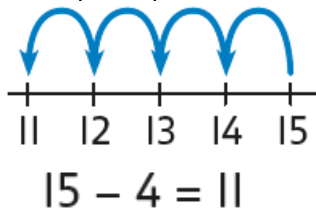
10s	1s
1	5

### Representations

#### Part whole model

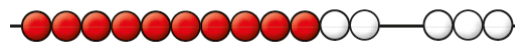


#### Counting back, on a Number line

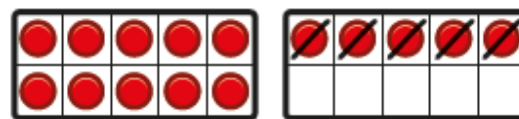


#### Bead string

$$15 - 3 = 12$$



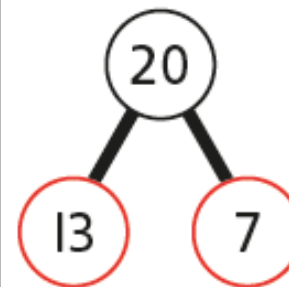
#### Ten frames



$$15 - 5 = 10$$

### Making connections

Subtraction and addition are connected.



That means if we know that

$$20 - 7 = 13$$

we also know that

$$20 - 3 = 17$$

$$7 + 13 = 20$$

$$13 + 7 = 20$$