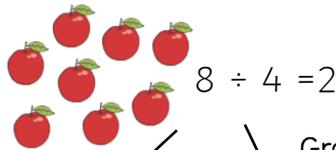


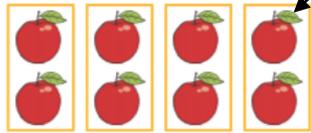
Key concepts and questions

What is division?

- Division is repeated subtraction.
- It is sharing or grouping the whole into equal parts.
- It cannot be done in any order, it must always start with the whole.
- When we divide, the answer will be smaller than the whole.

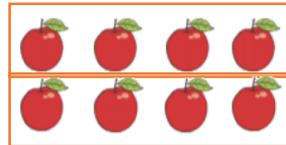


Sharing



Shared into 4 equal groups.  
There are 2 in each group.

Grouping



Put into groups of 4.  
There are 2 groups.

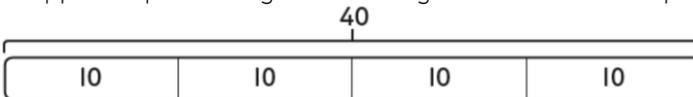
Key Vocabulary

Divide	Splitting into equal parts or groups. It is the result of 'fair sharing'		
Division calculation	The number sentence, written with the division sign $10 \div 5$		
Equal groups	Each group has the same number of objects.		
Share	To split between the divisor. $10 \div 5$ , make 5 equal groups 		
Group	Split into groups of the divisor, $10 \div 5$ , make groups of 5 		
Even	Divides by 2	Odd	Does not divide by 2

Representations

Bar models

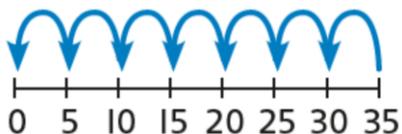
Support representing and solving calculations and problems



$40 \div 4 = 10$   
40 shared into 4 groups = 10

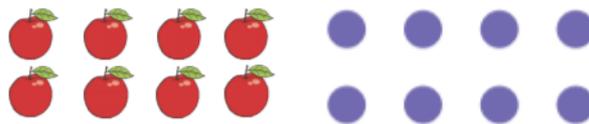
Number line

$35 \div 5$   
35 put into groups of 5  
35 subtract 5, seven times.



Arrays

These can be pictures or actual objects.



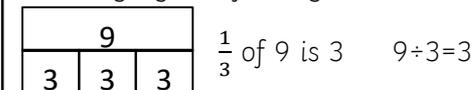
Making connections

Fractions

Dividing by 2 is the same as finding a half.



Dividing by 3 is finding a third.



Dividing by 4 is finding a quarter.

