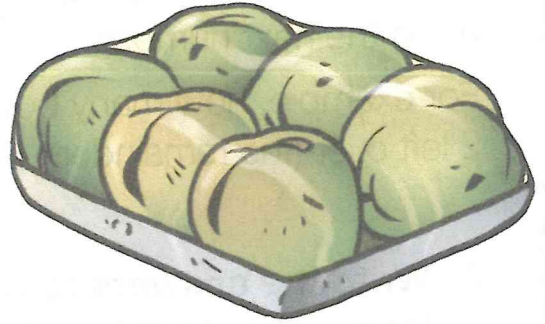


# Multiplication and division

Year 3 Homework - Due 6/7/18

## Division word problems

1. Write a division sentence for each problem, then work out the answer. Use written division or short division to help you. Write down your method.

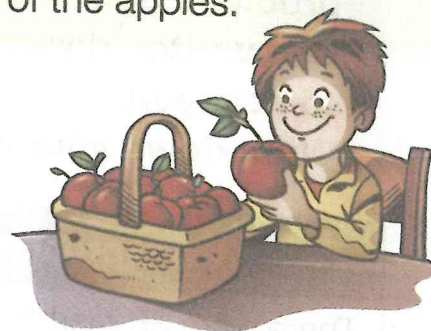


Word problem	Method	Answer
There were 36 marbles to be shared between three children. How many did the children get each?		
Four pencils cost 80p altogether. How much does one pencil cost?		
There are 24 cakes. Each cake box holds four cakes. How many cake boxes are needed so that all the cakes are in boxes?		
Ten children club together to save some money for a pet charity. They all put the same amount of money in. There is £25 in total. How much did each child give?		
Apple trays each hold six apples. There are 36 apples. How many trays can be filled with apples?		
The supermarket packs eggs in tens. There are 90 eggs. How many full trays of eggs will there be?		

There is not always an exact answer to a problem. You may need to round up to the next number.

For example, how many boxes of 5 do I need for 32 apples?  $32 \div 5 = 6$  with 2 left over (the remainder). So I need 7 boxes to fit all of the apples.

- 2. Write the answers to these questions.**  
**Remember to think about whether you need to round up or down to find the answers.**



There are 34 children in Class 3.  
 Each child needs a new jotter.  
 Jotters come in packs of ten.

How many packs  
 are needed?

The children in Class 3 have been invited to a party. They will travel there in cars. Each car will hold four passengers.

How many cars  
 are needed?

The children in Class 3 have been invited to the cinema. Tickets come in books of six at £5 a book.

How many ticket books  
 are needed?

How much will this cost?

The school buys apples to sell at playtime. The apples are put out in baskets, with ten apples in each basket. There are 54 apples.

How many baskets  
 can be filled?