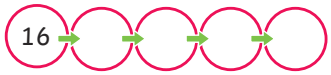
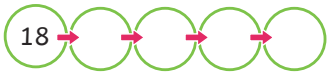
1) Write down the next four multiples of each starting number then use the multiples to help you solve the division calculations:

864 ÷ 16 =



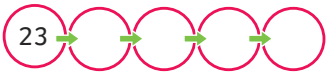
1	6	8	6	4

954 ÷ 18 =



1	8	9	5	4

805 ÷ 23 =



2	3	8	0	5

972 ÷ 27 =

2	7	9	7	2

2) Solve these division word problems:

a) A family ticket for the cinema costs £21.

The cinema sells £756 worth of family tickets in a week. How many family tickets have they sold?

b) The next week the cinema puts up its prices.

They sell 32 family tickets for £768. By how much has the cinema raised its prices for a family ticket?

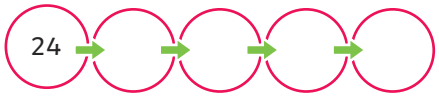
1) A glass can hold 24ml of juice. Emily is trying to work out how many glasses can be filled from the 312ml of juice left in the carton.

She uses this calculation to solve the problem:

		1	3	0
2	4	3	1	2

Explain why Emily's calculation is incorrect.

How would you correct her mistake?



2) Two children are solving this long division calculation:

900 ÷ 75

Li says that she used her knowledge of multiplying by ten to help her solve this problem.

Charlie says that he wrote the first five multiples of 75 and used these to solve the calculation.

Which method will work for solving the problem? Explain your reasoning and give the correct answer.

1) Can you work out the missing numbers in this calculation using the clues?

A ÷ **B** = 24

A is between 300 and 400.

B is a two-digit number.

A	B

2) Can you work out the missing numbers in this calculation using the clues?

C ÷ **D** = 51

C is between 800 and 1000.

D is a two-digit number.

C	D

3) Can you work out the missing numbers in this calculation using the clues?

750 ÷ **E** = **F**

E is a two-digit number.

F is a whole number.

E	F