

Year 3

We are learning to divide a 2 digit number by a 1 digit number (2)

Practise it-

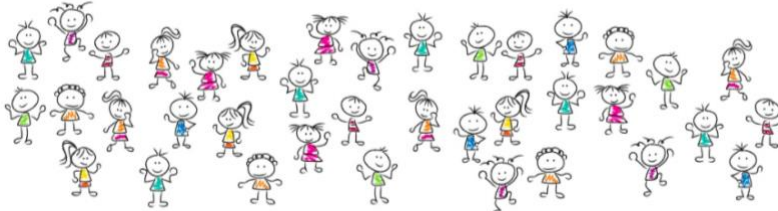
1.



- a) How do you know that the children cannot form two equal lines?
- b) The children try to form two equal lines.
How many will there be in each line?
How many children will be left over?

Do it!-

1. There are 38 children in a playground. They need to stand in 3 lines.



Line 1

Line 2

Line 3

- a) How many children will stand in each line?
 children will stand in each line.

- b) How many will be left over?

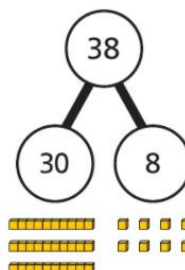
$30 \div 3 = \square$

$8 \div 3 = \square$ remainder \square

$38 \div 3 = \square$ remainder \square

There will be children in each line.

There will be children left over.



2.

There are 67 children in the playground.

They try to make 5 equal lines.

How many children are in each line and how many are left over?

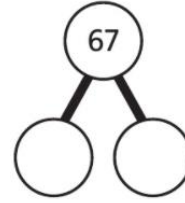
$$\square \div \square = \square$$

$$\square \div \square = \square \text{ remainder } \square$$

$$67 \div 5 = \square \text{ remainder } \square$$

There are children in each line.

There are children left over.



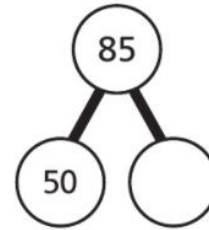
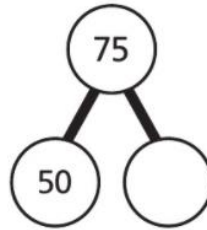
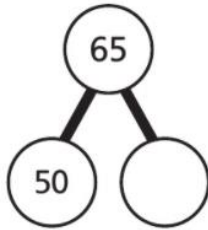
3.

Use the part-whole models to help solve the divisions.

a) $65 \div 5$

b) $75 \div 5$

c) $85 \div 5$



Challenge-

1.

Mo is working out $89 \div 4$.



I do not think this divides equally.
I think there will be a remainder.

Is Mo correct? Explain how you know.

Work out the answer to Mo's question.

What do I know
about numbers in
the 4 times-table?

