

# Day 1

Begin to use a formal written method to divide  $TO$  by  $O$ .

No regrouping

10/1/22

Day 1



How would you use the base 10 to divide 48 by 2?





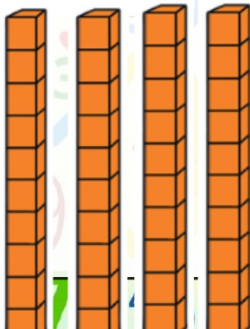
**Let's see what you have done.**



**Soldier 1**



**Soldier 2**

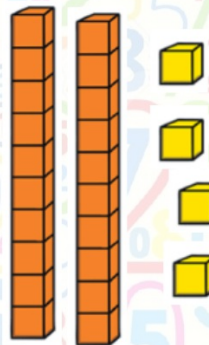
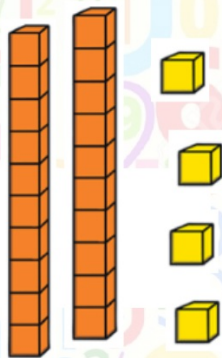


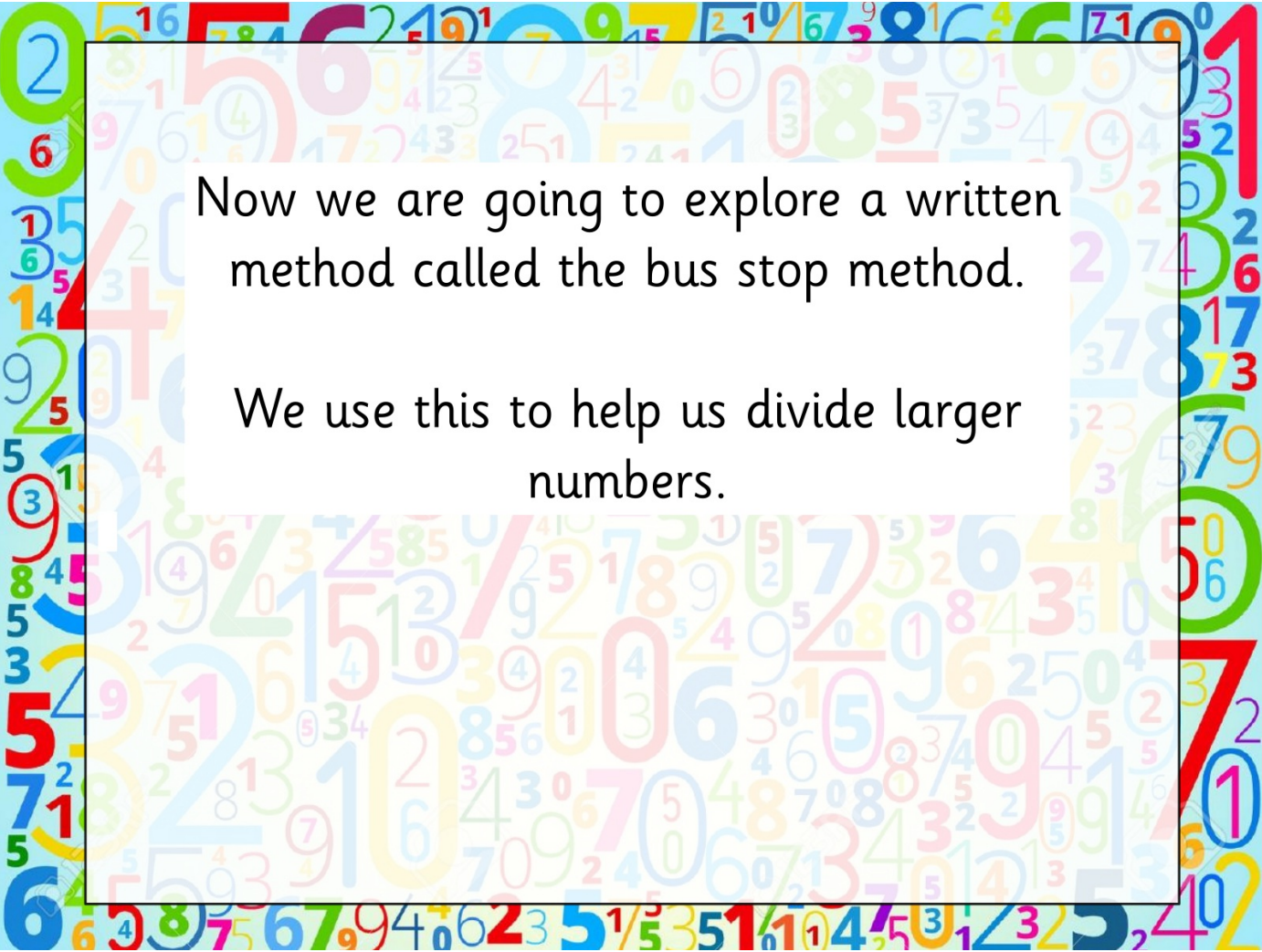


**Soldier 1**



**Soldier 2**





Now we are going to explore a written method called the bus stop method.

We use this to help us divide larger numbers.

48 divided by 2

$$\begin{array}{r} 2 \overline{) 48} \end{array}$$

This is the number that we are dividing by.

48 divided by 2

$$2 \overline{) 48}$$

This is the number that we are dividing.



48 divided by 2

$$2 \overline{) 48}$$

We start off by looking at the first number,  
(the tens)

We say how many times will 2 go into 4.

48 divided by 2

$$2 \overline{) 48}$$

We need to count in 2s until we get to 4.  
How many times did we count?



48 divided by 2

$$\begin{array}{r} 2 \\ 2 \overline{) 48} \end{array}$$

We write the answer above that first number.



48 divided by 2

$$\begin{array}{r} 2 \\ 2 \overline{) 48} \\ \underline{4} \phantom{0} \\ 8 \end{array}$$

Then we look at the second number, (the ones)

We say how many times will 2 go into 8.

48 divided by 2

$$\begin{array}{r} 2 \\ 2 \overline{) 48} \\ \underline{4} \phantom{0} \\ 0 \end{array}$$

We need to count in 2s until we get to 8.  
How many times did we count?



48 divided by 2

$$\begin{array}{r} 24 \\ 2 \overline{) 48} \\ \underline{4} \phantom{0} \\ 8 \end{array}$$

We write the answer above that second number.



## Your turn



Have a go at these.

$$2 \overline{) 82}$$

$$4 \overline{) 48}$$

$$3 \overline{) 36}$$

$$2 \overline{) 46}$$

It is important to set these out neatly in your book.

$$4 \quad 8 \quad \div \quad 2 \quad =$$

$$2 \quad \boxed{4 \quad 8}$$

Each number needs a square of its own.

Draw the lines for the bus stop carefully using the lines in your book.



Choose a question.

48 divided by 2

Set it out in your yellow maths book and solve the question using the steps that we have been doing together.

$$48 \div 2 =$$

$$2 \overline{) 48}$$

86 divided by 2	96 divided by 3	84 divided by 4	84 divided by 2
66 divided by 2	36 divided by 3	88 divided by 4	46 divided by 2
42 divided by 2	93 divided by 3	44 divided by 4	88 divided by 2
26 divided by 2	63 divided by 3	48 divided by 4	24 divided by 2

# Going Deeper

$$\begin{array}{r} 1 \square \\ 2 \overline{) \square 2} \end{array}$$

$$\begin{array}{r} \square 2 \\ 4 \overline{) 4 \square} \end{array}$$

$$\begin{array}{r} 3 \square \\ 3 \overline{) \square 6} \end{array}$$

$$\begin{array}{r} 4 \square \\ 2 \overline{) \square 6} \end{array}$$