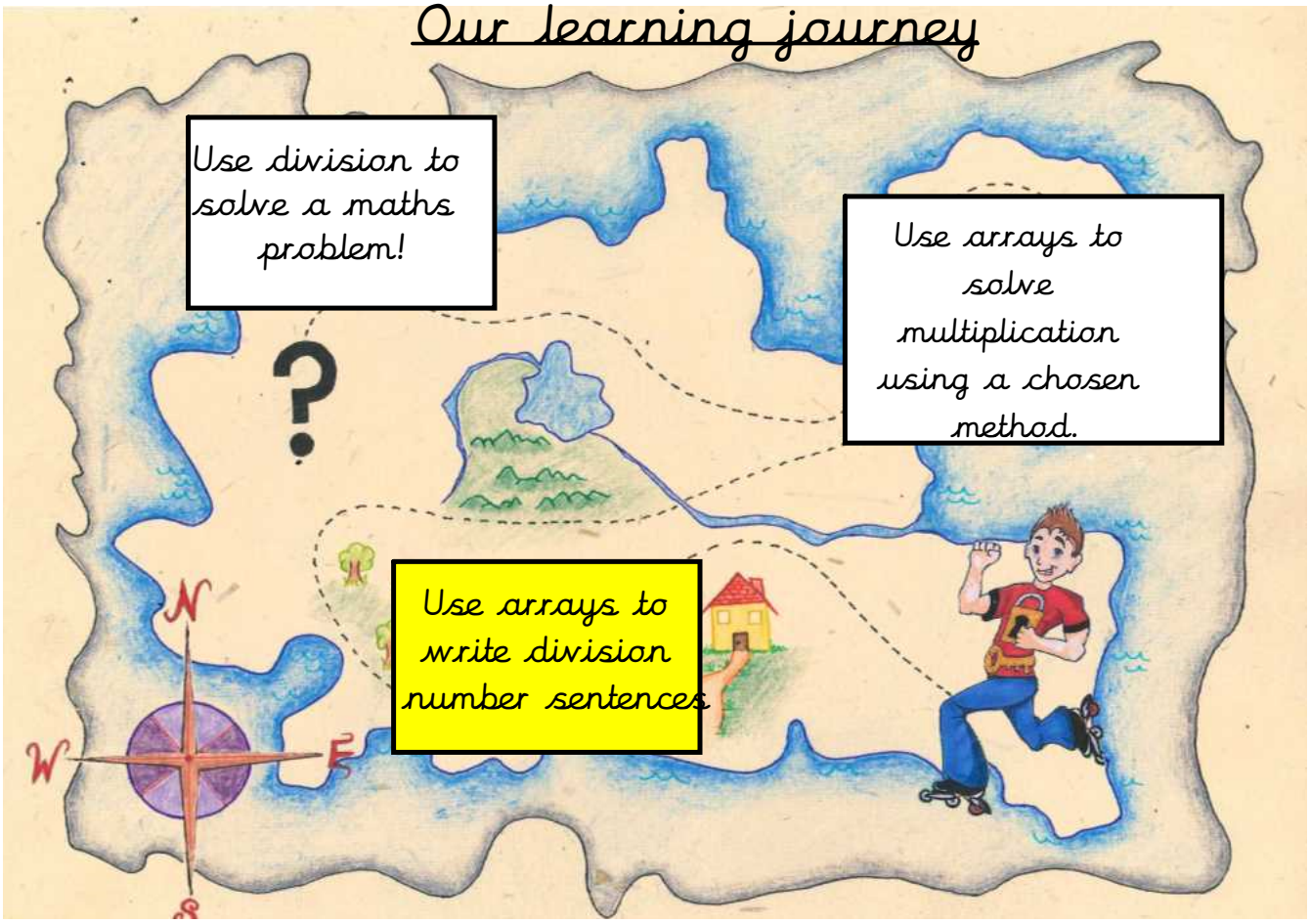
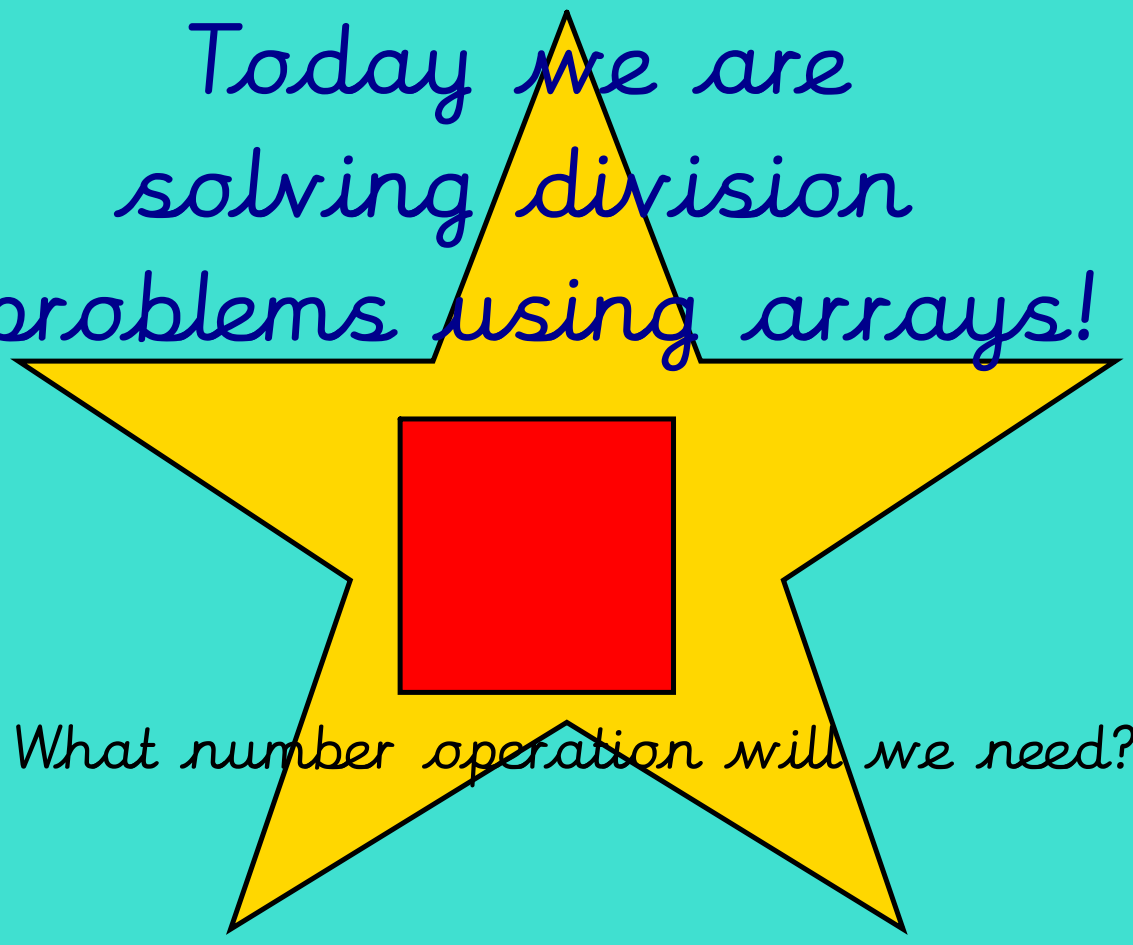

Our learning journey
Use division to solve a maths problem!
?
Use arrays to solve multiplication using a chosen method.
Use arrays to write division number sentences
N
W
E
S

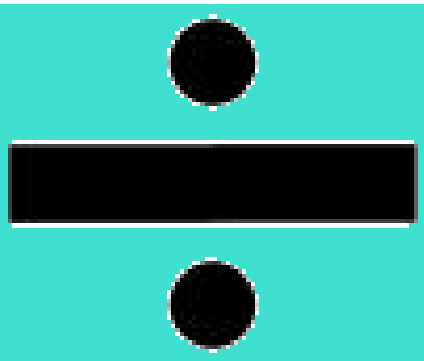
Today we are solving division problems using arrays!



What number operation will we need?



Let's remind ourselves about division!



What other words mean the same?



Today we are using arrays to solve division!
What's an array?



$8 \div 4 = 2$

dividend

divisor

Division is the inverse of multiplication - the inverse!

(You will still need your counting patterns!)

We know how many lots of 6 there are but if we want to know how many wed get if we shared them we have to use the inverse!





What would the number sentence be to this array? (Let's start by using our counting patterns!)

Let's practise our counting patterns!



What number sentence can we use to work out how many we would get if we shared them?



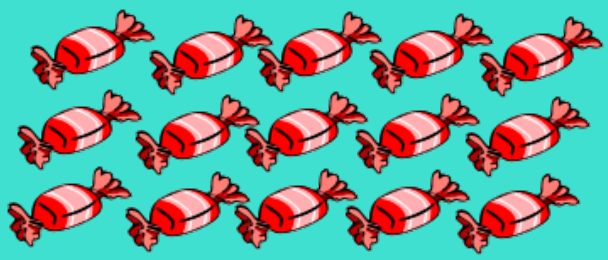
$20 \div 2 = 10$

$20 \div 10 = 2$

dividend (biggest)

divisor

What number sentence can we use to work out how many we would get if we shared them?



$15 \div 5 = 3$

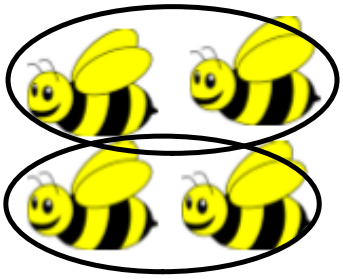
$15 \div 3 = 5$

dividend (biggest)

divisor

Now it's your turn!

- Stick an array in your book
- Use your counting patterns to work out the whole number (dividend)
- Group it using rows or columns (divisor)
- Write your number sentence (biggest number first!)
- Solve the number by counting how many in a group/.



$4 \div 2 = 2$

- Pink/Green - practical equipment
- Blue - Use pictures to group (ext - 2 no.sentences)
- Red - 2 division number sentences.
- Challenge - division array problem

Plenary:

?



I have a 25 sweets

and I have 5 friends with me. I would like to share the sweets with my friends, what can I do?