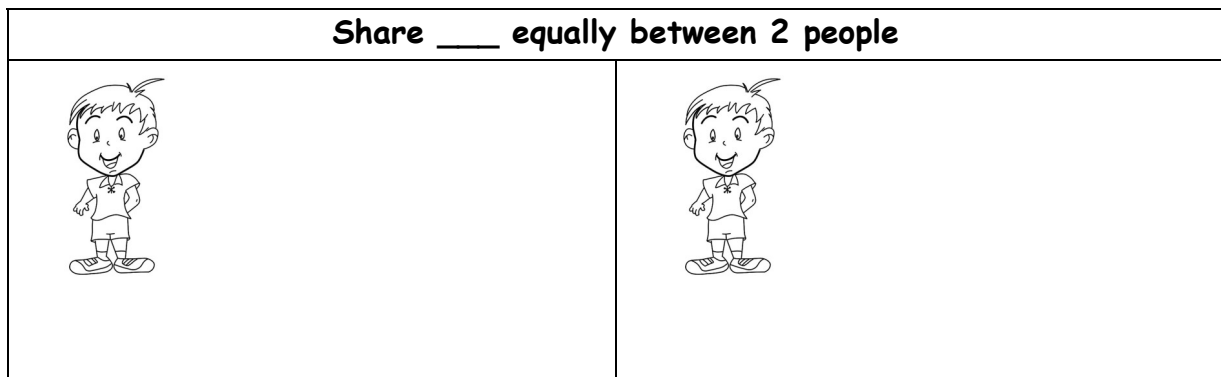


# THE NUMERACY NOOK

Hello everyone

As children progress through Year 2 and Year 3 they are ready to learn about **division**. Some of the language to use with your child when talking about division includes: **shared between, groups of, divided by, a fact family**. Begin with sharing household items e.g. share Lego blocks equally between two people. You can make a simple sharing mat which looks like this one below or draw one on a piece of paper or a whiteboard.



You can then help your child make the link to fractions by saying, "When we divide by 2, it's the same as half of the objects". Show your child how to divide the objects by 2. Increase the difficulty by dividing by 3, 4 or more.

Once your child is confidently sharing objects, you can help them to understand the link to **multiplication**. Just as **addition** and **subtraction** are inverse operations (i.e. one operation will undo the other), **multiplication** and **division** are inverse operations. This is also known as 'backtracking.' Practice a few fact families together and then let your child have a go writing a fact family on paper or a whiteboard.

$$3 \times 5 = 15$$

$$5 \times 3 = 15$$

$$15 \div 3 = 5$$

$$15 \div 5 = 3$$

$$2 \times 7 = 14$$

$$7 \times 2 = 14$$

$$14 \div 2 = 7$$

$$14 \div 7 = 2$$

Let your child know the following:

- Always start with the biggest number first when dividing. Go back to using real objects if your child has the division number sentences the wrong way around (e.g.  $5 \div 15 = 3$ ).
- Let your child know that they can only use the same three numbers in a fact family. If your child is adding extra numbers, circle the three numbers (see above in red).

Praise your child for their efforts and encourage your child to take their work to school to show their teacher. We always love to see and celebrate students successes.

Kind regards

Maths Curriculum Team