

W.B. 4.5.20

Maths

Activity 1

Multiplication

In Year 2, children need to be able to **multiply by 2, 5, 10**. This includes being able to **recall times table facts** for the 2, 5 and 10 multiplication tables. They can use a beaded line or a 100 square to help them

Children roll 2 (6 sided) dice to generate a x5 number sentence to solve (e.g. if they roll a 4 and a 2 they would write $6 \times 5 =$, if they roll a 1 and a 6 they would write $7 \times 5 =$). They write the number sentence down and solve by counting in fives. You can use the beaded number line below to group the beads into groups of 5's to help them practise counting in 5's.

Repeat the activity above for the 2 times table if needed and then the 10 times table.

Use the following links to support your child in revising their times tables this week...

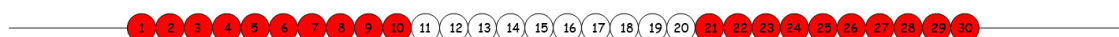
- <https://home.oxfordowl.co.uk/maths/primary-multiplication-division/help-with-times-tables/>
- <https://go.educationcity.com/> Follow this link and log in to access a range of games, activities and songs to develop your child's recall of the times table facts.

Remember to visit these sites from last week as they are a fun way of revising. ('BBC SuperMovers' dances)

<https://www.bbc.co.uk/teach/supermovers/ks1-maths-the-2-times-table-with-bridget-the-lioness/zrrx92p>

<https://www.bbc.co.uk/teach/supermovers/ks1-maths-the-5-times-table/zhbm47h>

<https://www.bbc.co.uk/teach/supermovers/ks1-maths-the-10-times-table-with-webster-the-spider/zm32cqt>



Activity 2

Multiplication and division are opposites!

In Year 2, we learn that division is the inverse of multiplication. (Just like addition and subtraction)

Have a look through the information here before you begin -

<https://home.oxfordowl.co.uk/maths/primary-multiplication-division/multiplication-division-year-2-age-6-7/>

Here is a handy videos to start you off with your child -

Video: <https://www.bbc.co.uk/teach/class-clips-video/maths-ks1--ks2-the-relationship-between-multiplication-and-division/zdqb47h>

Choose some small objects from around the house to use to solve the following calculations. Remember to write the multiplication calculation and answer first and then have a go at finding the inverse division calculation. You could colour circles on the beaded line instead of using objects if you would prefer.

$4 \times 2 = 8$

$3 \times 5 = 15$

$5 \times 2 = 10$

$4 \times 10 = 40$

$6 \times 5 =$

$3 \times 10 =$

$6 \times 10 =$

$11 \times 2 =$

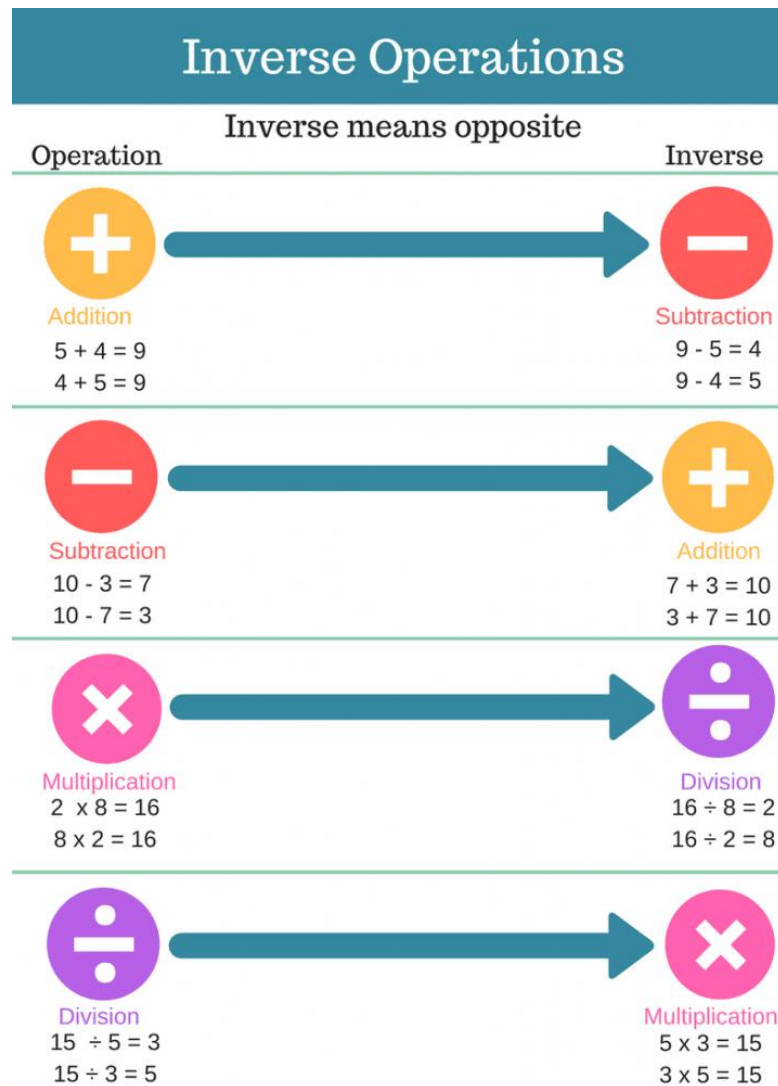
$8 \times 5 =$

$7 \times 10 =$

$9 \times 2 =$

$12 \times 5 =$

The image below might help.



Activity 3

Solving division problems using multiplication.

In Year 2 children learn how to use their knowledge of the inverse operations to solve problems and check their answers.

Here's a fun intro for this session -

<https://www.bbc.co.uk/bitesize/topics/zqbg87h/articles/z9jxhv4>

After the clip there's one example to try on the rocket image below the video clip. Talk about sharing equally as your child solves the division problem.

Warm up by trying to solve these by using the inverse to check if the following calculations are correct: $12 \div 3 = 4$ $3 \times 5 = 14$. Ask your child to talk about their answers and reasons. See if you both agree.

Write down the problems below then solve them using multiplication as the inverse. Make sure you write down the multiplication calculation under the division one so you can keep track of what you are doing. Solve them by counting in 2s, 5s or 10s.

It should look like this –

$$10 \div 2 =$$

$$5 \times 2 = 10$$

Try these –

$$15 \div 5 =$$

$$8 \div 2 =$$

$$12 \div 2 =$$

$$25 \div 5 =$$

$$40 \div 10 =$$

$$70 \div 10 =$$

$$45 \div 5 =$$

$$90 \div 10 =$$

Just to wrap up the session, ask your child to answer this question –

True or false? When you count up in tens starting at 5 there will always be 5 ones.

Ask them to prove to you they are right.

Don't forget to send us some photos of how you're getting on at home!