Year 2 Spring 1

Multiplication and Division

Dear Parents/ Carers,

Year 2 children have just finished the unit '*Multiplication and Division'*. Today we have sent home homework relating to their learning. After the half term holiday any child that has returned their completed homework will be entered into a draw to win a prize per Year group. Please return any homework to your class teacher by Wednesday 6th March 2024.

Please find attached the vocabulary cards relating to this unit-'Multiplication and Division'. The children are introduced to a vast range of mathematical vocabulary each term. Therefore, the partnership between home and school in helping them to retain, use and acquire a secure understanding of this vocabulary within their learning is paramount. Please keep sharing and using this vocabulary when learning about maths together at home.

Attached is some guidance from White Rose (our predominant maths scheme used within school) on how best to support your child with learning about *Multiplication and Division* at home. Please click on the QR code.
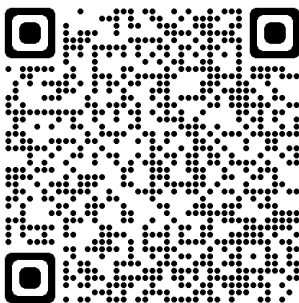
Your child has been given a paper copy of the homework in their bag but there is a copy attached.

Thank you for your continued support with Maths at home.

Miss Farmer

Equal Groups

Groups of the same amount.

There are 3 equal groups of 5.
$5 \times 3 = 15$

mastrthecurriculum.co.uk

Division Symbol

We use this symbol show we are **dividing** (sharing or grouping into equal amounts).

masterthecurriculum.co.uk

Grouping

Finding how many equal groups you can make.

$20 \div 10 = 2$

There are 20 marbles.

masterthecurriculum.co.uk

I made 2 equal groups of 10.

Equal

This means the same amount.

I have 3 cubes.

They have an _equal_ amount.

I have 3 cubes.

masterthecurriculum.co.uk

Even Numbers

A number that can be divided into two equal groups.
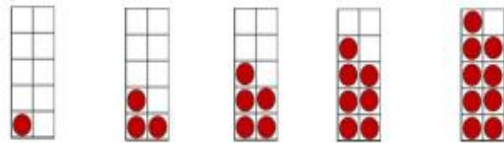The even numbers are:

2　　4　　6　　8　　10

masterthecurriculum.co.uk

Odd Numbers

A number that cannot be divided equally into two whole numbers.
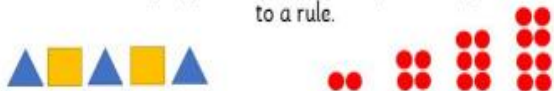The odd numbers are:

1　　3　　5　　7　　9

masterthecurriculum.co.uk

Pattern

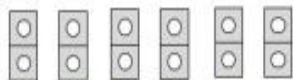An ordered set of objects, numbers or shapes arranged according to a rule.

What comes next in these patterns?

masterthecurriculum.co.uk

Multiply/Multiplication

To add equal groups of numbers.

I can see 2, 6 times.

There are 6 lots of 2s.

$2 + 2 + 2 + 2 + 2 + 2 = 12$

$2 \times 6 = 12$

masterthecurriculum.co.uk

Halving

To split a number or group of objects equally into two parts.
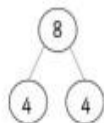
Half of 8 is 4

Half of 6 is 3

Half of 10 is 5

masterthecurriculum.co.uk

Multiplication Symbol

We use this symbol show we are **multiplying** (adding equal groups of numbers).

masterthecurriculum.co.uk

Double

To have two of the same number or group of objects.

Double 6 is 12.

Double 3 is 6.

Double 9 is 18.

Divide/ Division

To split (a number) into equal parts or groups.

$6 \div 2 = 3$

You can divide by **sharing** or **grouping**.

masterthecurriculum.co.uk

masterthecurriculum.co.uk

Number Sentence
This will contain numbers and symbols.

Number sentences for multiplication and division can look like these:

$3 \times 2 = 6$ $5 \times 2 = 10$

$6 \div 2 = 3$ $10 \div 2 = 5$

masterthecurriculum.co.uk

Sharing

I have 8 cakes and I share them equally into 2 plates.
How many cakes will be on each plate?

$8 \div 2 = 4$

masterthecurriculum.co.uk

Repeated Addition

$5 \times 5 = 25$

$5 + 5 + 5 + 5 + 5$
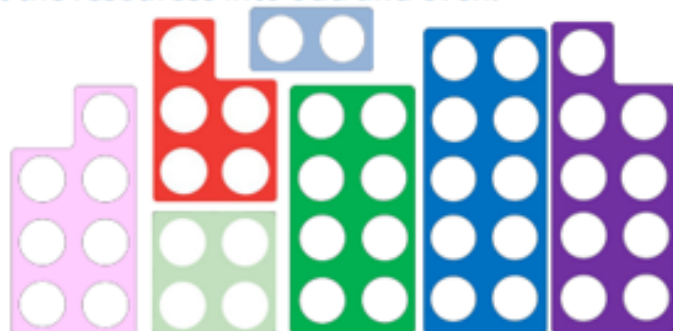
Adding the same number again and again.

Multiplication and Division

Homework

Draw lines to sort the resources into odd and even.

Odd   Even
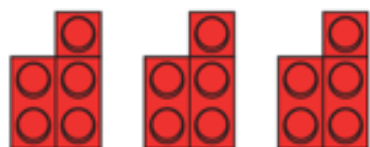

Tick or cross.

Can you split these in two equal groups?

Complete the number sentences

☐ + ☐ + ☐ + ☐ = ☐

☐ X ☐ = ☐

☐ + ☐ + ☐ = ☐

☐ X ☐ = ☐

Use the bar model to help you solve the question.

$24 \div \boxed{} = \boxed{}$

24

| X X X | X X X | X X X | X X X |
| X X X | X X X | X X X | X X X |
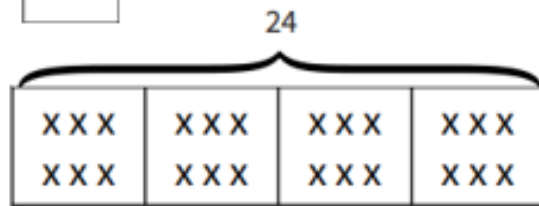
Share the sweets equally
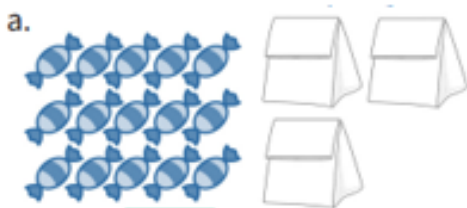
a.

There are $\boxed{}$ sweets.

There are $\boxed{}$ bags.

There are $\boxed{}$ sweets in each bag.

$\boxed{} \div \boxed{} = \boxed{}$

b.
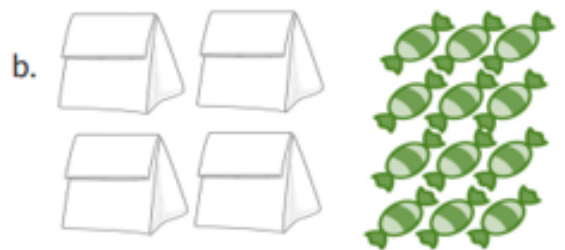
There are $\boxed{}$ sweets.

There are $\boxed{}$ bags.

There are $\boxed{}$ sweets in each bag.

$\boxed{} \div \boxed{} = \boxed{}$

Miss Farmer is trying to put the pencils into groups of 5.

She says he has 5 groups. Is she correct?

Explain your answer.