

Monday 2nd February 2026

Challenge of the week



3



8  are shared between 2 friends.

Roxy writes a number sentence to show this.

$$8 \div 2 = 4$$

What does the 8 represent?

What does the 2 represent?

What does the 4 represent?

Do the same with another number sentence.

I wonder what the difference is between sharing and grouping.



*8 apples are shared between 2 friends.
Roxy writes a number sentence to show this.
What does the 8 represent?
What does the 2 represent?
What does the 4 represent?*

Do the same with another number sentence.

02.02.26

Mental Maths

Share these amounts equally:

$$10 \div 5 = \underline{\quad} \quad 14 \div 2 = \underline{\quad} \quad 16 \div 4 = \underline{\quad}$$

Draw circles to represent the groups.



LQ: Can I divide by grouping?

Steps to Success:

I can make equal groups from a given amount.

I can check that groups are equal.

I can use the symbol and language 'divided by / ÷'

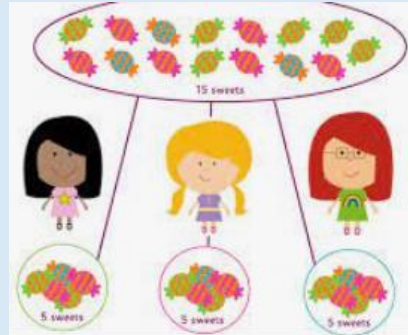


★ Star Words ★

grouping



sharing equally



divide



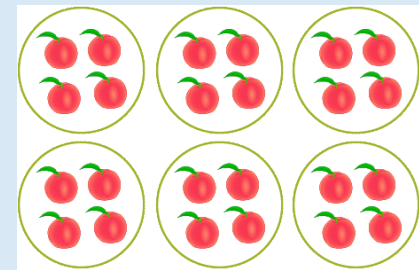
divide by

$$\underset{\substack{\uparrow \\ \text{dividend}}}{12} \div \underset{\substack{\downarrow \\ \text{divisor}}}{3} = \underset{\substack{\downarrow \\ \text{quotient}}}{4}$$

equal groups



groups of

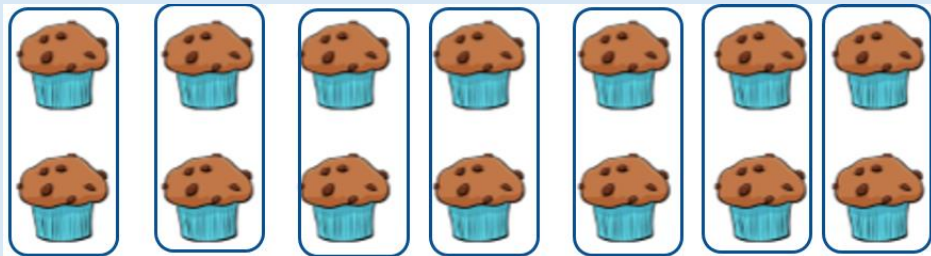


TP – What does grouping mean?

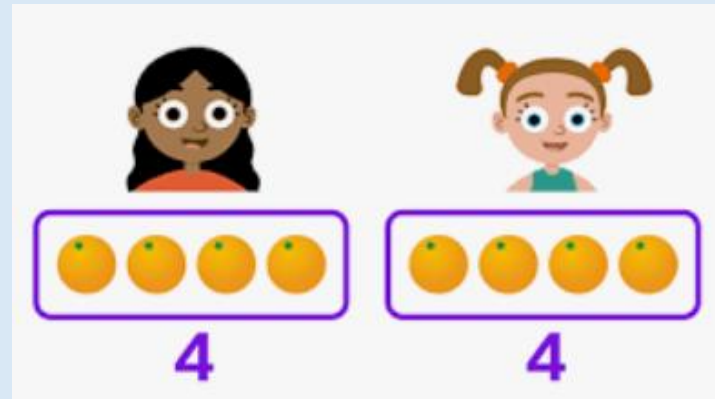
What does sharing mean?

What is the difference?

Grouping tells us the number of groups there are.



Sharing tells us how many there is in each group.



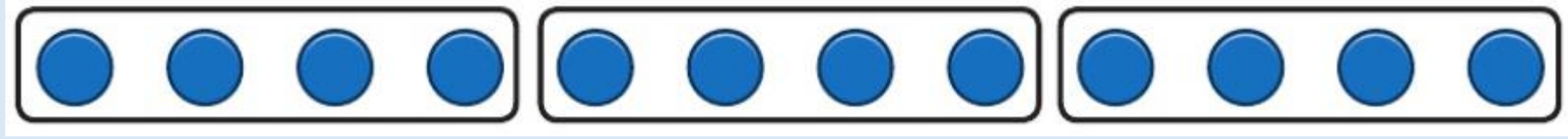
Division is the inverse for multiplication. This means it is the opposite. We can use multiplication calculations to help us work out division calculations. For example,

$$4 \times 5 = 20$$

$$20 \div 5 = 4$$

When we divide, the whole numbers is written first. The whole number is the total amount that needs to be divided.

Let's recap.



$$12 \div 4 = 3$$

12 is the total amount,
the whole number.

3 represents the total
number of groups.

4 represents the amount in each group.

This is also known as the **divisor**.

02.02.26

LQ: Can I divide by grouping?

Today we will be dividing by grouping.



These muffins come in packs of 5.

Let's group them in 5's

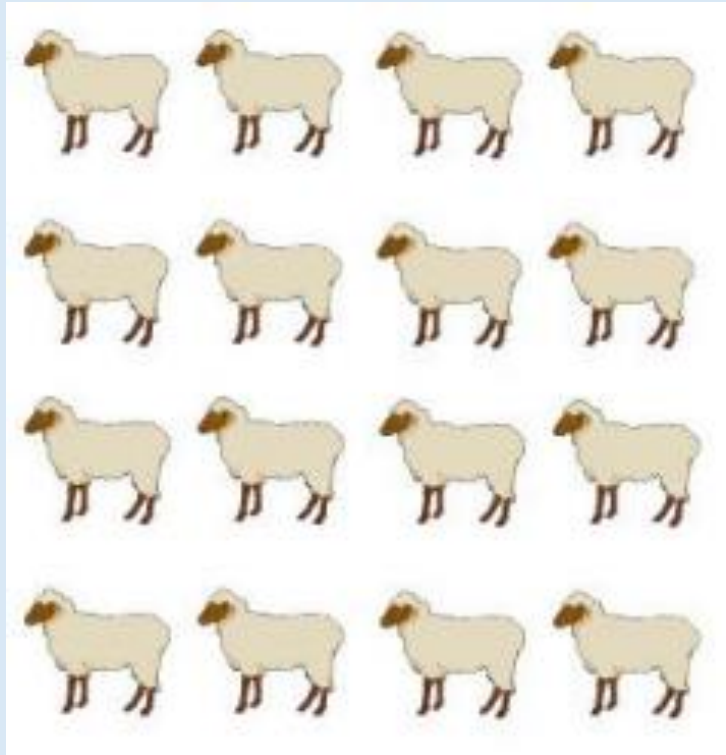
How many groups will there be?

What will the division sentence look like?

02.02.26

LQ: Can I divide by grouping?

Let's groups the sheep in 2's.



How many groups are there?

What is the whole number?

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

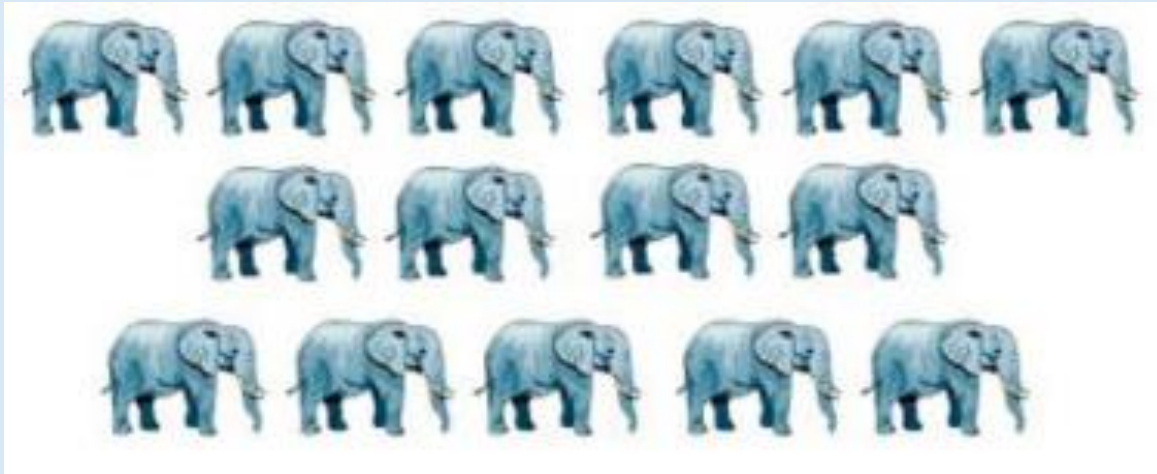
There are in each group.

There are groups.

02.02.26

LQ: Can I divide by grouping?

Let's groups the elephants in 2's.



How many groups are there?

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

There are in each group.

There are groups.

02.02.26

Tasks

LQ: Can I divide by grouping?

Help the teddies group the food so they have the same amount each. Count the items and draw circles to group them in **ones**, **twos** or **threes**. Explain how many each teddy has.



Each Teddy has _____ lollipops.



Each Teddy has _____ cupcakes.

SEN-NTE – Provide counters/cubes for children to use to support learning.

Self assessment

Do you understand the tasks?



equal, equal groups, division, divided by



1. Groups the objects and write the division sentence.

Complete statements for each calculation.

2. Sara and Hiba have the **same** amount of sweets.



Sara had 2 groups of 5.
Hiba has 1 equal group.

How many sweets are in Hiba's group?

Hiba has _____ sweets in her group.

3. I am thinking of numbers between **10 and 30**. I can only make equal **groups of 5**.

What can my numbers be?

Draw groups of 5 to prove it.

1.



_____ ÷ _____ = _____

There are _____ each group.

There are _____ groups.



_____ ÷ _____ = _____

There are _____ each group.

There are _____ groups.



_____ ÷ _____ = _____

There are _____ each group.

There are _____ groups.



_____ ÷ _____ = _____

There are _____ each group.

There are _____ groups.

Tuesday 3rd February 2026

03.02.26

Mental Maths

What does grouping mean?

<https://www.youtube.com/watch?v=linbjLi2K5s>

Group these amounts:

$$15 \div 3 = \underline{\quad} \quad 8 \div 2 = \underline{\quad} \quad 12 \div 4 = \underline{\quad}$$



LQ: Can I divide by 2?

Steps to Success:

I can divide amounts by 2 using learnt strategies.

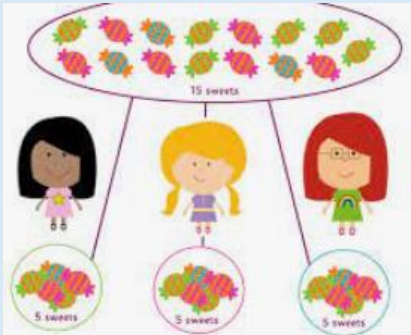
I can record division calculations.

I recognise that only multiples of 2 can be equally divided by 2.



★ Star Words ★

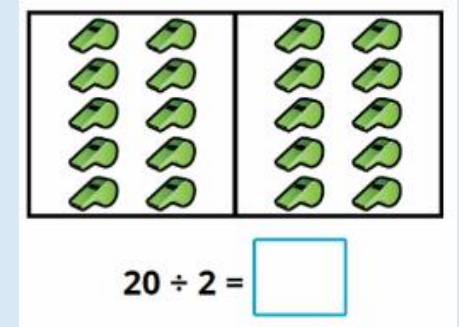
sharing



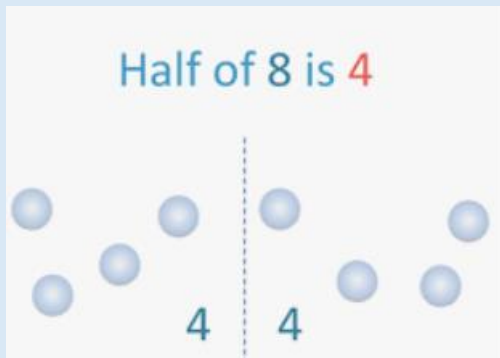
divide



divide by 2



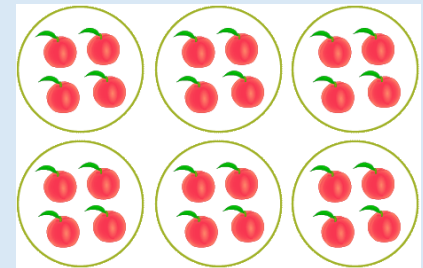
halving



equal groups



groups of



Today you are going to practice dividing by 2.

TP – What does inverse mean?

What is the inverse for division of 2?

Division is the inverse (opposite) of multiplication.

When we divide amounts by 2, we are halving the amounts into 2 equal groups.

$$10 \div 2 = 5$$

$$5 \times 2 = 10$$

03.02.26

LQ: Can I divide by 2?

8 players practise in pairs.




TP: How many groups of 2 are there?





What number do we write first? Why?

Astrid used drawings to help her by grouping the counters in two's.

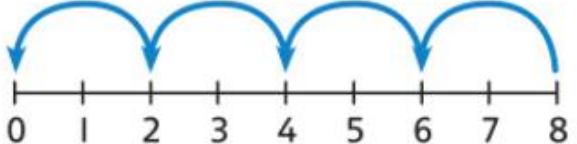

We can use cubes or counters to help us to groups the children in two's.

Share

a)  I used a drawing to help me. I used the 2 times-table to help me.


   

8 players make 4 pairs.
Keep subtracting 2 from 8. You can subtract it 4 times.

$8 \div 2 = 4$
There are 4 groups of 2.

b) There are 8 players. There are 2 players in each group.



The drawing reminds me that 4 groups of 2 is 8. So $8 \div 2 = 4$.

$1 \times 2 = 2$
 $2 \times 2 = 4$
 $3 \times 2 = 6$
 $4 \times 2 = 8$
 $5 \times 2 = 10$
 $6 \times 2 = 12$
 $7 \times 2 = 14$
 $8 \times 2 = 16$
 $9 \times 2 = 18$

Flo used the 2 times-table to help her because she understands the 2 times-table is the inverse of division of 2.

4 divide by 2

6 divide by 2

8 divide by 2

12 divide by 2

14 divide by 2

18 divide by 2

Task

Divide the **whole** number into **equal** groups of 2 and complete the number sentences.

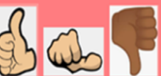
$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

The total amount is _____.

There is ___ in each group.

Self assessment

Do you understand the task?



Wednesday 4th February 2026

04.02.26

Mental Maths

Group these amounts:

$15 \div 5 = \underline{\quad}$

$6 \div 3 = \underline{\quad}$

$12 \div 3 = \underline{\quad}$



LQ: Can I divide by 2?

Steps to Success:

I can divide amounts by 2 using learnt strategies.

I can record division calculations.

I recognise that only multiples of 2 can be equally divided by 2.



★ Star Words ★

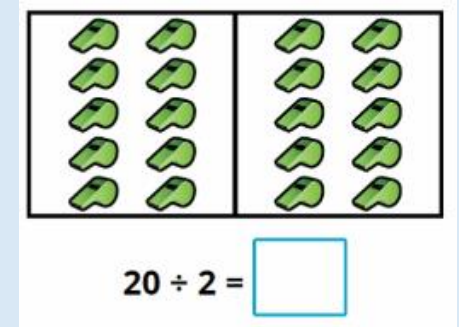
sharing



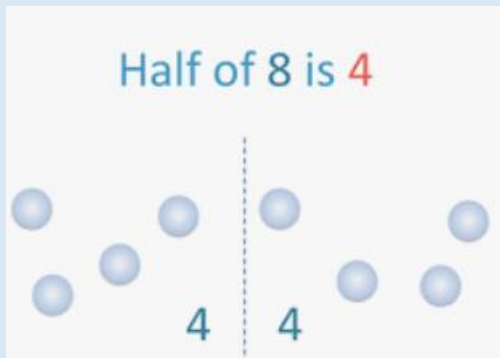
divide



divide by 2



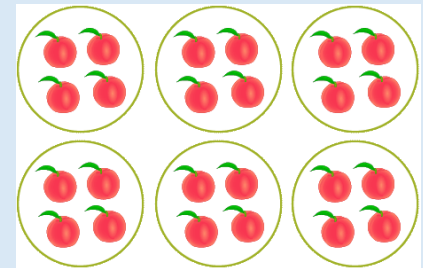
halving



equal groups



groups of



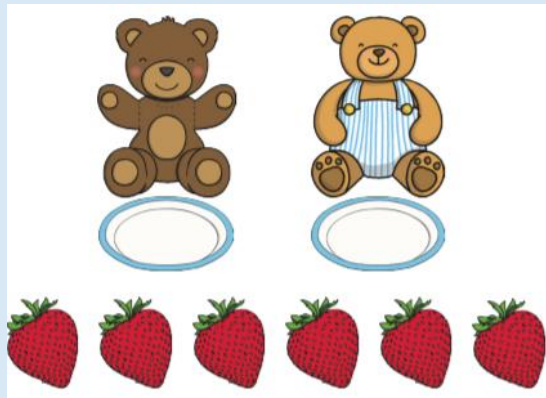
Today you are going to divide by 2.

TP - What does sharing mean?

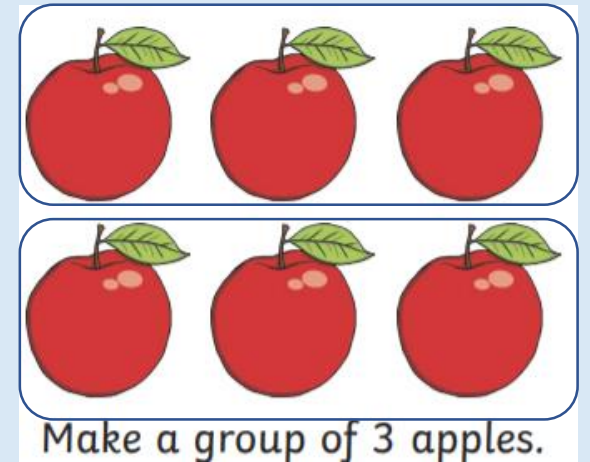
What does grouping mean?

What is the difference?

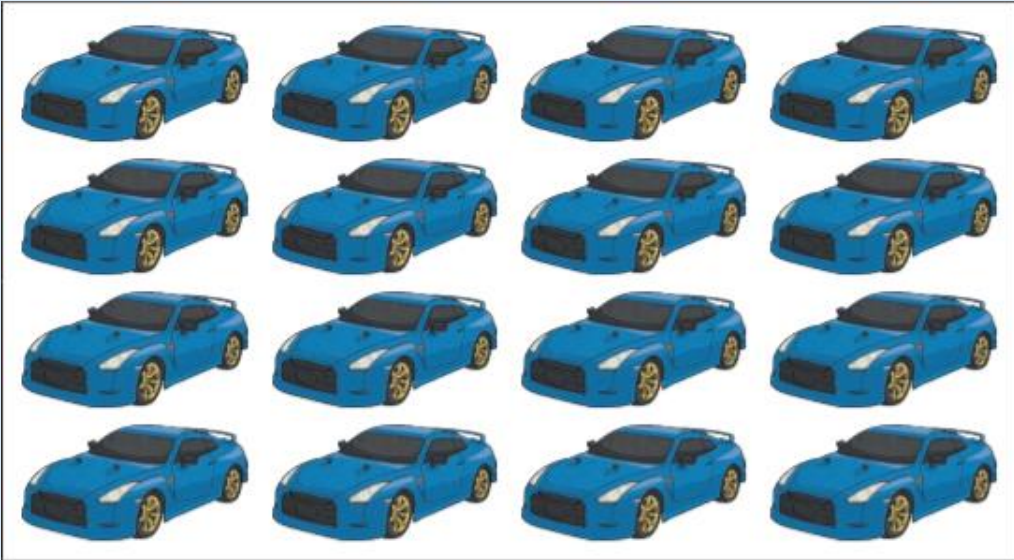
Sharing tells us
how many there
are in each group.



Grouping tells us
how many
groups there are.



Let's remind ourselves on how to divide by 2.



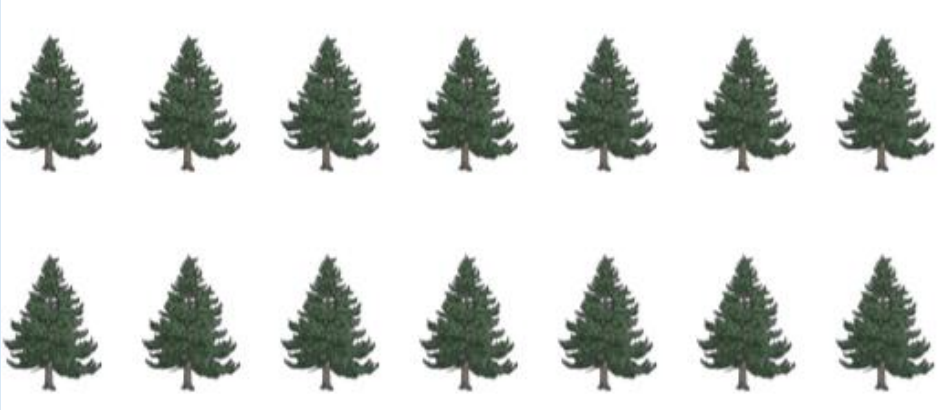
- Draw 16 counters to represent the cars on your white board/scrap paper
- Draw a circle around every 2 cars
- Count how many groups there are
- Complete the statements:

$$16 \div 2 = \underline{\quad}$$

The total amount is _____.

There are _____ groups.

Let's practise together.



- Draw 14 counters to represent the cars on your white board/scrap paper
- Draw a circle around every 2 trees
- Count how many groups there are
- Complete the statements:

$$14 \div 2 = \underline{\quad}$$

The total amount is _____.

There are _____ groups.

04.02.26

Tasks

LQ: Can I divide by 2?



divide, equal groups, division, divided by



1. Divide the whole numbers into equal groups of 2 using pictorial representation and complete the calculation and statements.

- $8 \div 2 =$
- $10 \div 2 =$
- $12 \div 2 =$
- $16 \div 2 =$
- $18 \div 2 =$

___ \div ___ = ___
 There is ___ in total.
 There are ___ group.

2. True or false?
 12 is an odd number.

12

Prove your answer using concrete, pictorial or abstract representations.

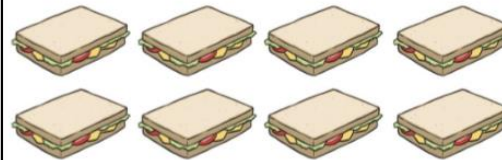
It is ___ because...

3. Gabe has 22p.
 He divides it equally with two friends.

How much will each friend get?
 Each friend will get ___ p.

Ayaan have 22p in 2p coins.
 How many 2p coins does he have?
 Ayaan has ___ 2p coins.

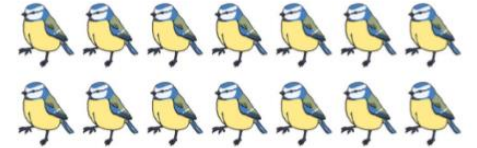
Today I divided the amounts into two equal groups. I counted the total amount and then drew circles to share them into two equal groups. Then I completed each calculation and statements and orally explained my work.



___ \div ___ = ___

There is ___ in total.

There is ___ in each group.



___ \div ___ = ___

There is ___ in total.

There is ___ in each group.

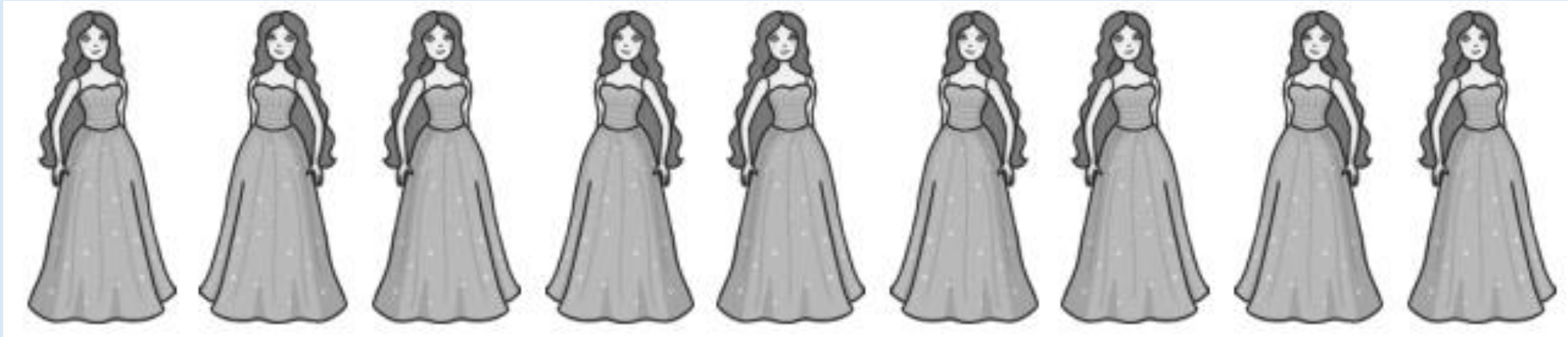
Self assessment
 Do you understand the tasks?

Thursday 5th February 2026

05.02.26

Mental Maths

Janice has 9 small dolls. There are 15 in a full set.



How many more dolls does she needs to complete her set of 15 dolls.



LQ: Can I divide by 5?

Steps to Success:

I can divide amounts by 5 using learnt strategies.

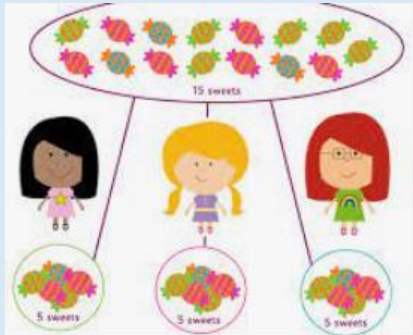
I can record division calculations.

I recognise that only multiples of 5 can be equally divided by 5.



★ Star Words ★

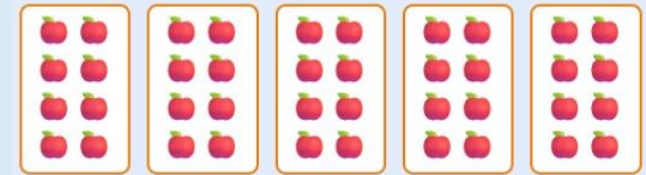
sharing



divide



divide by 5



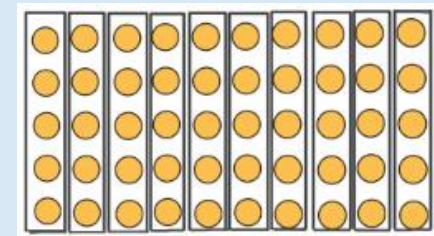
halving



equal groups



groups of



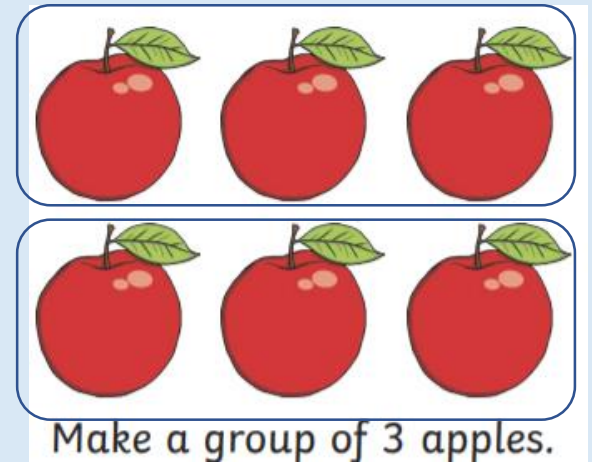
*TP- What is the difference between sharing and grouping?
What is division the inverse of?*

*Sharing means ...
Grouping means...*

*Sharing tells us
how many there
are in each group.*



*Grouping tells us
how many groups
there are.*



05.02.26

LQ: Can I divide by 5?

Today we will be practising dividing by 5 using the grouping method.

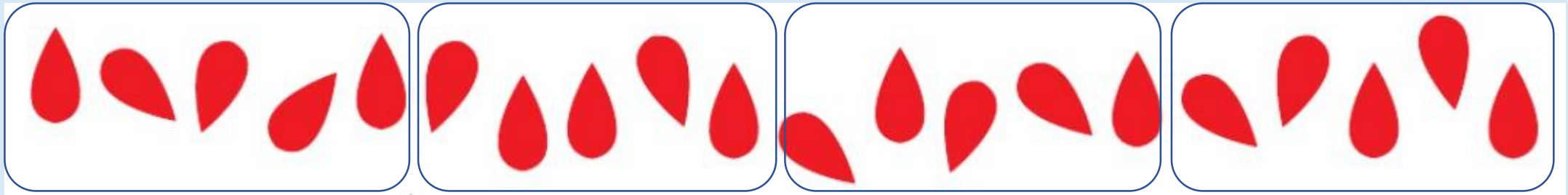
Every 5 petals makes one flower.



TP: How many flowers can be made with 20 petals?

We will be grouping the 20 petals in equal groups of 5.

20 petals need to grouped in 5s.



So the calculation will be:

$$20 \div 5 = 4$$

Whole number



Number of equal groups



Divisor - Amount in each group.

05.02.26

LQ: Can I divide by 5?

When we divide we have to write the whole number first. Flo worked it out using the 5 times-table.

I worked it out using $4 \times 5 = 20$
from the 5 times-table.



She used the **number fact (inverse)** to help her work out the division calculation.

$$20 \div 5 = \square$$

Multiplication and division share the inverse.
This helps us to use the same numbers to complete
both multiplication and division sentences

25 petals need to grouped in 5s.



Let's make **equal groups of 5** and use the 5 times-table to help us write both number sentences. Every 5 petals is 1 group.

$$\underline{\quad} \times 5 = \underline{\quad} \text{ so}$$

$$\underline{\quad} \div 5 = \underline{\quad}$$

TP – How many flowers can be made with 30 petals?

Task

Divide the given amounts into **equal groups of 5** and write the multiplication and the division sentences.

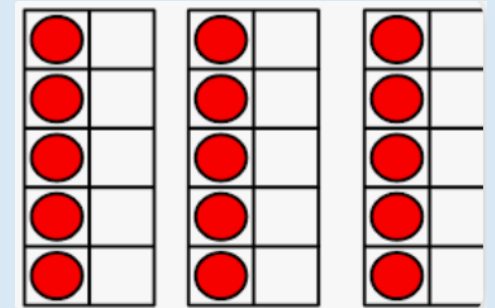
Then write how many equal groups you've made.

10 15 20 25 30 35 40

$$\underline{\quad} \times 5 = \underline{\quad} \text{ so}$$

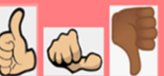
$$\underline{\quad} \div 5 = \underline{\quad}$$

There are $\underline{\quad}$ equal groups.



Self assessment

Do you understand the task?



Friday 6th February 2026

06.02.26

Mental Maths

Here are 41 balls: 24 rugby balls and 17 footballs.



Complete the addition and subtraction calculations.

$$\square + \square = 41$$

$$\square - \square = 17$$



LQ: Can I divide by 5?

Steps to Success:

I can divide amounts by 5 using learnt strategies.

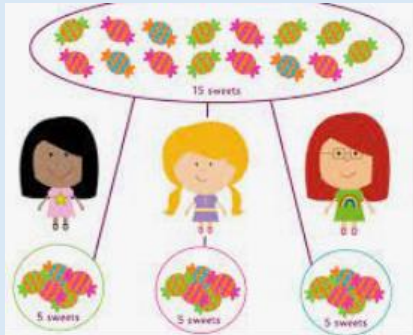
I can record division calculations.

I recognise that only multiples of 5 can be equally divided by 5.



★ Star Words ★

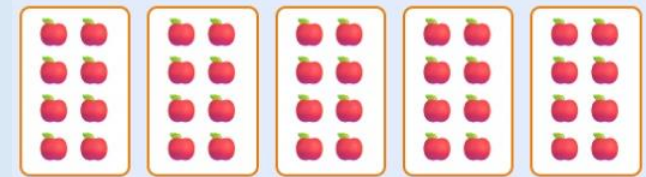
sharing



divide



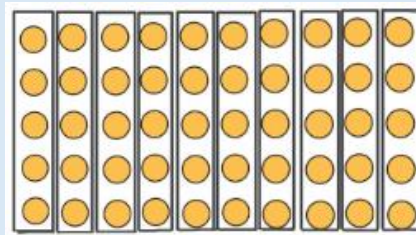
divide by 5



equal groups



groups of



Fact family

$$\begin{aligned}4 \times 5 &= 20 \\5 \times 4 &= 20 \\20 \div 4 &= 5 \\20 \div 5 &= 4\end{aligned}$$

06.02.26

LQ: *Can I divide by 5?*

Today we will be dividing by 5 using the grouping method and record the inverse multiplication and division number sentences.

TP – What does inverse mean?

Inverse means the opposite operation.

What multiple can you use to help with dividing by 5?

How do you know?

06.02.26

LQ: Can I divide by 5?

Let's recap fact families.

What are fact families?

Fact families are group of calculations that are created using the same three numbers.

I know 3 lots of 5 is 15 therefore I also know 15 divided by 5 is 3.

$$3 \times 5 = 15 \text{ so } 15 \div 5 = 3$$

Let's practise writing some more fact families together:

4 lots of 5

6 lots of 5

7 lots of 5

06.02.26

LQ: Can I divide by 5?

There are 25 petals.

How many flowers can be made?

Let's draw the flowers with 5 petals and complete the fact family sentences.

$$\underline{\quad} \times \underline{\quad} = \underline{\quad} \text{ SO}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

06.02.26

LQ: Can I divide by 5?

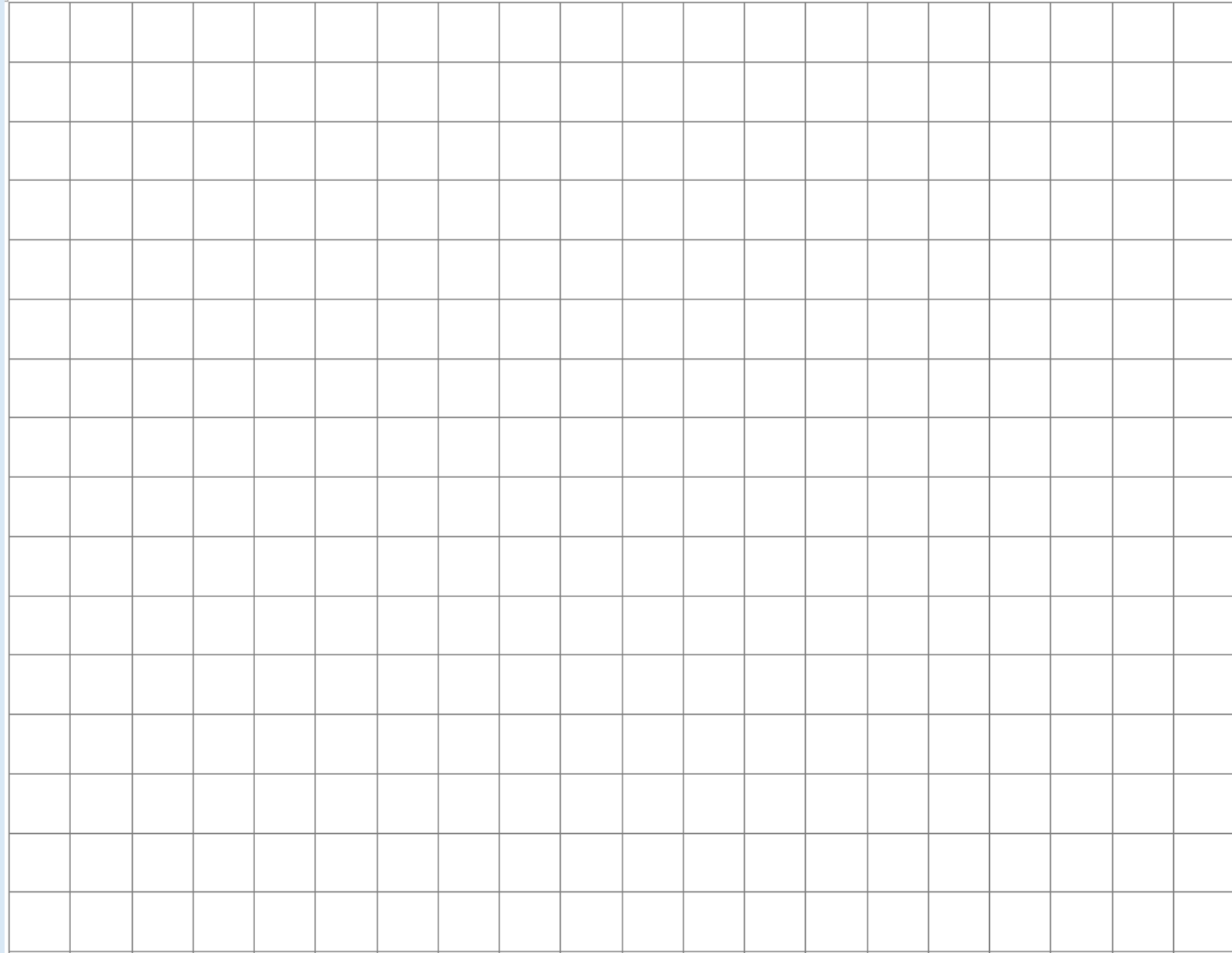
Let's practise dividing the following amounts by drawing groups of 5 and complete both number sentences.

15, 20, 30

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

There are equal groups.

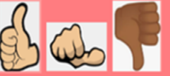


06.02.26

Task

Self assessment

Do you understand the task?



LQ: Can I divide by 5?



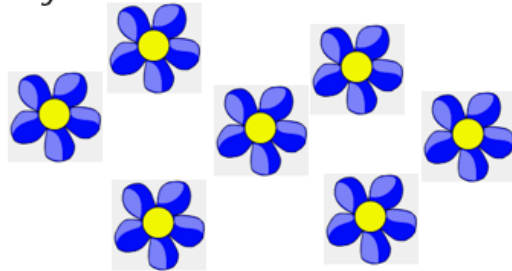
equal groups, multiple of, division, divided by



1. Divide the following amounts into groups of 5 and write the fact family sentences. Explain how many equal groups there are.

10 15 20 25 30

E.g.



$7 \times 5 = 35$ so

$35 \div 5 = 7$

There are 7 equal groups.

2. One pot holds 5 pencils.



Ayub says you will need 6 pots for 35 pencils.

Do you agree with him? Explain.

Yes, I agree because...

No, I disagree because...

3. Use the digits 1 to 9 to find different ways to complete the statements. You can use each digit **more than once**.

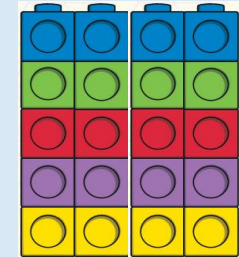
1 2 3 4 5 6

7 8 9

5 \div 5 =

How many different ways can you find

SEN-NTE children to use cubes to count the given amounts: 10, 15, 20, 25. Then make towers of fives for each amount and write the division calculation to match.



$20 \div 5 =$

Today I divided by grouping. First we discussed that division is the inverse of multiplication and this can help us with working out our calculation. I counted out the given number of cubes and made towers of 5. Then I orally explained how many equal group I made. With support, I wrote the division number sentence.