

# Remote Learning – Class 4

Friday 19<sup>th</sup> November 2021

# Maths

## Multiply by 1 and 0

1)  $12 + 0 =$

2)  $12 - 0 =$

3)  $12 + 1 =$

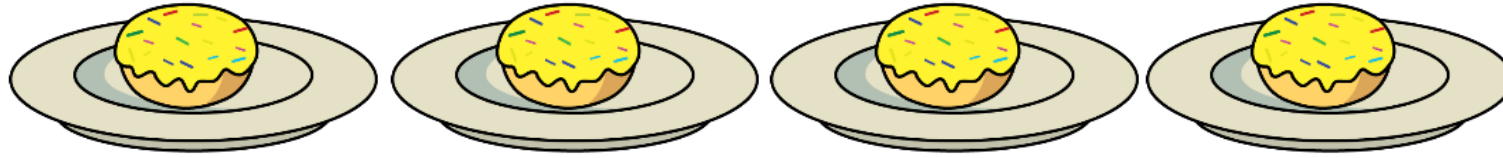
4)  $12 - 1 =$

$$1) \quad 12 + 0 = 12$$

$$2) \quad 12 - 0 = 12$$

$$3) \quad 12 + 1 = 13$$

$$4) \quad 12 - 1 = 11$$



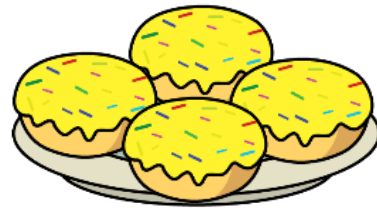
There are 4 plates.

$$1 \times 4 = 4$$

Each plate has 1 doughnut on it.

$$4 \times 1 = 4$$

There are 4 doughnuts altogether.



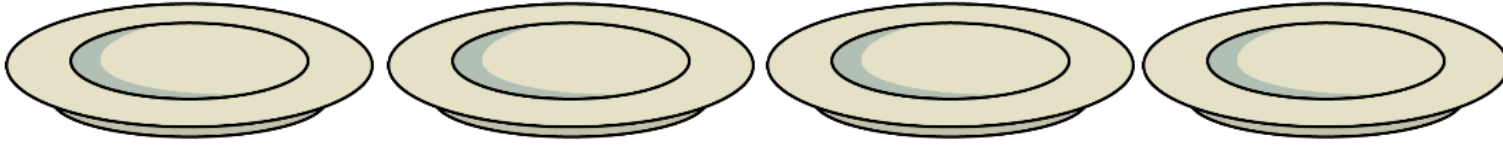
There is 1 plate.

$$1 \times 4 = 4$$

The plate has 4 doughnuts on it.

$$4 \times 1 = 4$$

There are 4 doughnuts altogether.



There are 4 plates.

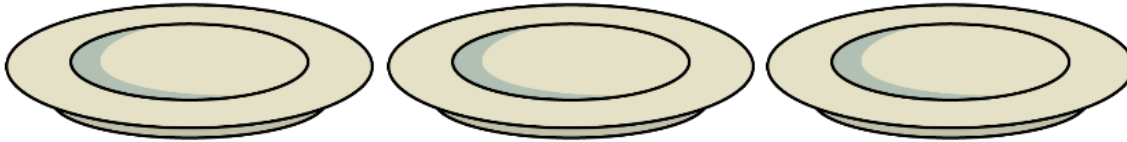
Each plate has 0 doughnuts on it.

There are 0 doughnuts altogether.

$$0 \times 4 = 0$$

$$4 \times 0 = 0$$

Have a think



There are 3 plates.

Each plate has 0 doughnuts on it.

There are 0 doughnuts altogether.

$$0 \times 3 = 0$$

$$3 \times 0 = 0$$

factor  $\times$  factor = product

2-times table	4-times table	8-times table
$2 \times 0 = 0$	$4 \times 0 = 0$	$8 \times 0 = 0$
$2 \times 1 = 2$	$4 \times 1 = 4$	$8 \times 1 = 8$
$2 \times 2 = 4$	$4 \times 2 = 8$	$8 \times 2 = 16$
$2 \times 3 = 6$	$4 \times 3 = 12$	$8 \times 3 = 24$

What's the same?

- One of the factors is 1
- One of the factors is not 1
- The product is the same as one of the factors.

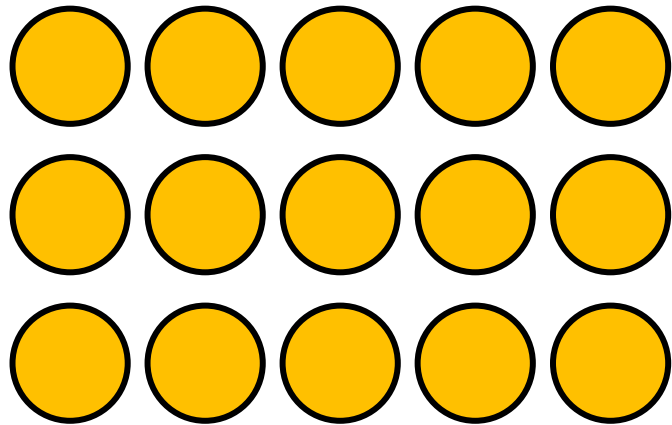
What's different?

- The factor that is not 1
- The product

When there are **2 factors** and one of the factors is 1, the product is equal to the other factor.



$$5 \times 1 \times 3$$



When there are **3 factors** and one of the factors is 1, the product is equal to the product of the other factors.



## Multiply by 1 and 0

- 1 Write a multiplication to work out the total number of strawberries.



$$\square \times \square = \square$$

2



a) How many flowers are in each vase?

b) How many flowers are there in total?

Complete the calculation.

$$\square \times \square = \square$$

- 3 Circle the calculation that works out the number of apples.



$6 \times 0$

$6 \times 1$

$6 \times 2$

- 4 How many marbles are there in total?



$$\square \times \square = \square$$

- 5 Complete the calculations.

a)  $3 \times 1 = \square$

e)  $1 \times \square = 4$

b)  $1 \times 3 = \square$

f)  $1 \times \square = 14$

c)  $7 \times 1 = \square$

g)  $12 \times \square = 0$

d)  $7 \times \square = 0$

i)  $1 \times \square = 31$

- 6 What could the missing number be?

$0 \times \square = 0$

Explain how you know.

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- 7 a) Circle all the calculations that have an answer of zero.

$$\begin{array}{ccc} 39 \times 1 & 95 \times 0 & 178 \times 0 \\ & 4 \times 1 & 0 \times 16 \\ 8 \times 0 & 0 \times 0 & 42 \times 1 \end{array}$$

- b) How did you work out which calculations to circle?

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- 8 Eva and Mo are working out some multiplication problems.

a)



What mistake has Eva made?

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b)



What mistake has Mo made?

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Talk about your answers with a partner.



- 9 Work out these multiplications.

$$\begin{array}{ll} \text{a) } 2 \times 1 = \square & \text{b) } 8 \times 1 = \square \\ 1 \times 4 = \square & 8 \times 1 \times 2 = \square \\ 2 \times 4 \times 1 = \square & 8 \times 1 \times 3 = \square \end{array}$$

What pattern do you notice in each part?

Talk about it with a partner.

- c) What multiplication would come next in part b)?

$$\square \times \square \times \square = \square$$

- 10 Eva and Dexter have 6 digit cards.

They multiply them all together.



I multiplied the numbers from left to right.

I knew the answer without multiplying the numbers one by one.



What could Dexter's method be?

Talk about it with a partner.

Literacy

# Introductory Paragraph

A newspaper report begins with an introductory paragraph that includes the **five Ws**.

**What**  
happened?

**When** did  
it happen?

**Where** did  
it happen?

**Who** was  
involved?

**Why** did  
it happen?

# BACK TO EARTH WITH A BUMP!

Reported by Amanda Kelper, Media Correspondent, London

**After a six month stay on the International Space Station (ISS), astronauts Tim Peake, Yuri Malenchenko and Timothy Kopra have finally returned home to Earth.**



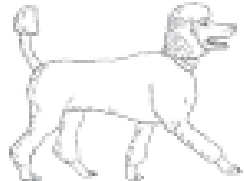

Last week, British astronaut Tim Peake returned home from an incredible six month stay aboard the ISS, alongside his crewmates Yuri Malenchenko and Timothy Kopra. He is the first British astronaut to have lived on the ISS.



*Landing with a bump! Tim Peake lands safely in Kazakhstan.*

Can you spot the **five Ws** in the start of this report?

# Report Writing: The Five Ws

	Examples			
<b>Who:</b> Indicates the person or people that the news report is about.	 A girl	 An old lady	 A dog	 A boy
<b>What:</b> Refers to the situation or problem that the piece of news revolves around.	There was a fire	Rescued	Fell	Stole
<b>Where:</b> Describes the geographical location including as much detail as possible: the village, town or city, the premises, the landscape, the country if it's different to your readers'.	In the countryside	In a shop	At the Olympics	In a bank
<b>When:</b> Indicates the time when the piece of news happened – the year and the date, and if possible the exact time!	Yesterday	At two o'clock on Thursday, 11th May	In the morning on Saturday, 9th February	On Friday evening
<b>Why:</b> Perhaps the most important of the Ws: this is what your readers truly want to know – the reason for the events that you are narrating.	To go on holiday with the money	It was an accident	Because of a careless mistake	Because a little boy was in trouble

# Report Writing: The Five Ws

## Let's Practise!

Choose an element from each of the Ws and use them to write an introductory paragraph to your news report.

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November 4th 1957

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# The St. George Times

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Laika the dog is the first living being to go into space. Yesterday, she departed in Sputnik 2 and orbited the Earth. She is a Russian dog and lives in Moscow. Laika was sent to space as part of an experiment carried out by astronauts, who wanted to know if a living being could survive the process.

Feature	Check	Example
Who?		
What?		
Where?		
When?		
Why?		

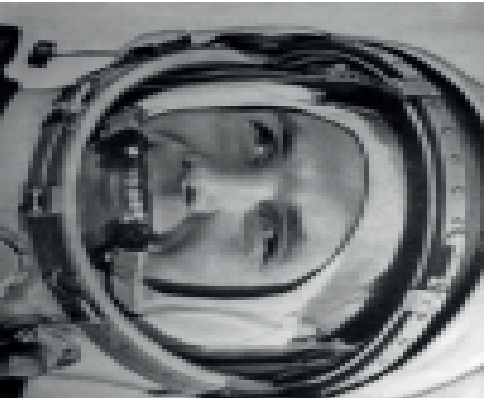


April 12th 1961

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# Space Independent

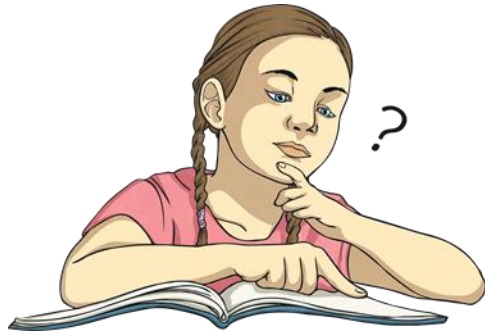
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Yuri Gagarin is the first man to go into space! Today, the Russian cosmonaut made history by being the first person to complete a full orbit of the Earth. His spacecraft, named Vostok 1, departed from the Russian Space Centre near Moscow. The USA and Russia had been battling to win 'the space race' and put the first man into space. With Gagarin's success, Russia won the space race.

Feature	Check	Example
Who?		
What?		
Where?		
When?		
Why?		

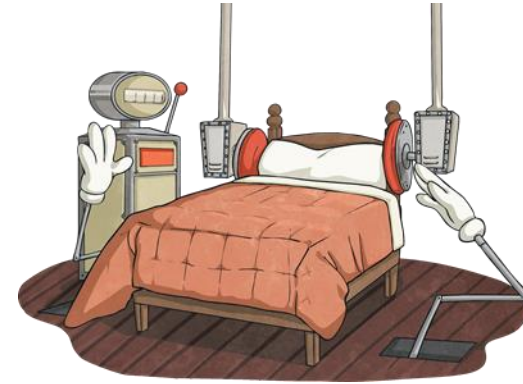
# What Do You Notice About These Words?



question

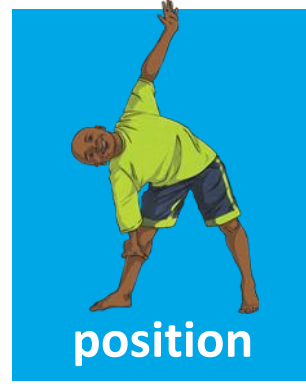
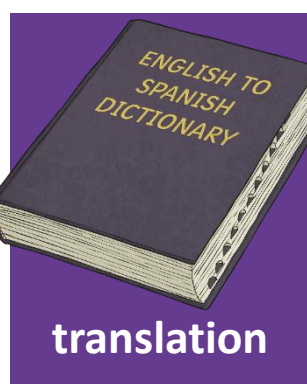
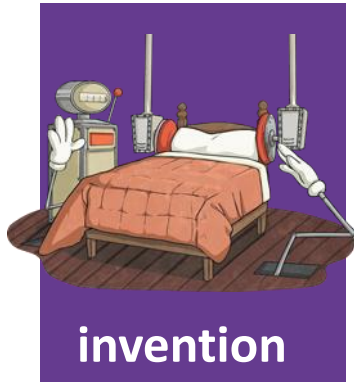


injection



invention

This week we are looking at words which end with the sound /shuhn/ spelt 'tion'...

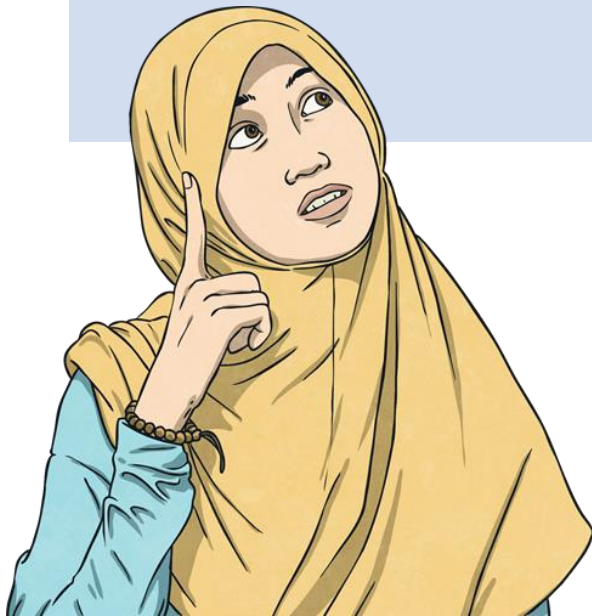


What do these words all have in common?  
What do the root words end in? Can you see a pattern?

What do these words all have in common?

What do the root words end in? Can you see a pattern?

No definite root word	Root word ends in 't'	Root word end in 'te'
mention position	question action invention injection attraction	translation devotion solution



So what happens to the root words that end in 'te' when -tion is added?

Root word end in 'te'
translation
devotion
solution

translate + tion = translation  
devote + tion = devotion  
solute + tion = solution

The 'e' isn't needed! Can you think of anymore words that could fit into this section of your table?

Here are this week's spellings to practise.

invention injection

attraction

action

translation

question

devotion

mention

position

solution

# Words with the Ending /shuhn/ Spelt Using 'tion'

Practise your weekly spelling words using cursive handwriting.

invention

injection

action

question

mention

attraction

translation

devotion

position

solution

# Words with the Ending /shuhn/ Spelt Using 'tion'

w u a m h h f w o v q x r  
d r m e e t p o n m e a l  
r c t r a n s l a t i o n  
k o v m z o t c x b j z o  
m i n j e c t i o n f m i  
n i n v e n t i o n z p t  
a t t r a c t i o n p o c  
m x s o r u t i y s l s a  
w n o i t u l o s e p i i  
j q u e s t i o n f c t q  
f o w y h q m j k s i i b  
h n o i t o v e d x v o n  
g m e i k e z a x x w n u

invention	mention	position
injection	attraction	solution
action	translation	
question	devotion	





PE

# PE

- Please use the link below to take part in 'PE with Joe'.
- Feel free to get some pictures of you doing the session. I would love to see them!
- Link: <https://www.youtube.com/watch?v=tSi2ix1i180>