

# Maths- Week 1

School & home learning slides

# Week 1 overview

This week we will be teaching 2 lessons at school, and sending 2 lessons home for home learning. If your child is in on **Monday, Tuesday** rota then they will only complete lesson 1 in class this week. If you are staying at home, please complete all the lessons at home.

Lesson 1 (Taught in School if coming in)- Maths quiz

Lesson 2 (Only taught in School if you are in Wednesday/Thursday)- mental maths (recap measure, counting in 2s, 5s, 10s and quick mental maths)

Lesson 3 (Home) - recap shape (If you are staying home please send in a photo of your shape picture.)

Lesson 4 (Home)- recap place value

# Session 1

## Maths quiz

## Quick starter

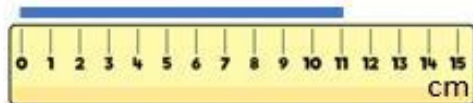
- 1) How many wheels are there altogether?



- 2) How many muffins?



- 3) How long is the straw?



- 4)  $9 + 5 =$

Before half term, some of you made a quiz about a country for around the world week.

Today we are going to have a fun Maths quiz to remind us of all the fantastic learning we have done this year.

Let's try some quiz questions together first!

Here is a quiz question. The rectangle is for your answer, and there is lots of space to work out your answer. Let's try together.

1	$5 + 1 =$          <div data-bbox="668 906 900 988"></div>	
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What would you use find this answer?

Lets try some similar questions to get our Maths brains working.

$$9+5=$$

$$7-2=$$

$$10+3=$$

$$14-3=$$

$$6-1=$$

Here is another quiz question. These questions have some writing. Your teacher will read out these questions for you. Let's try together.

2

Write the numbers in the correct place on the number line.

9

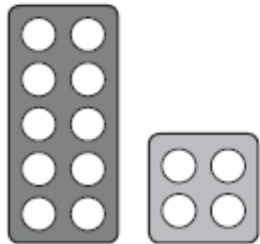
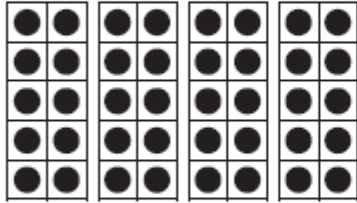
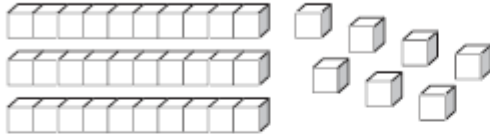
3

6





Match each representation to the correct number.



14

37

40

How could we work this one out?

Remember, we have to read the instructions carefully.

Well done, we have practiced some quiz questions together, and now it is time for you to have a go by yourself!

We will work through the quiz all at the same time, and your teacher will read each question for you. Remember not to jump ahead!

Let's switch our Maths brains on and start the quiz!



Session 2

Mental Maths

## Quick starter

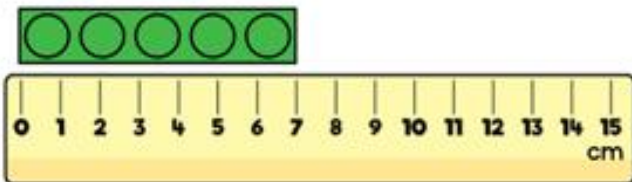
1)  $5 + 5 + 5 =$



2) Each bunch has 10 grapes. How many grapes altogether?



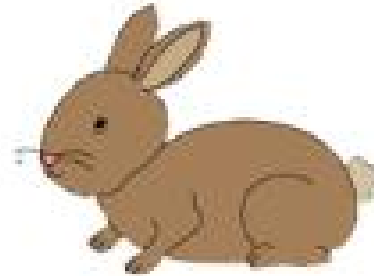
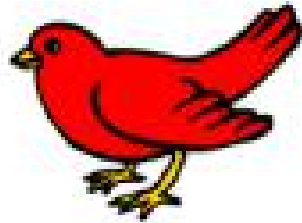
3) How long is the brick?



4) What is the total of five and seven?

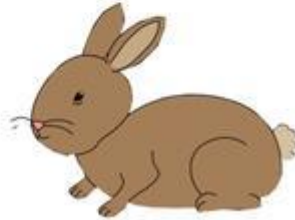
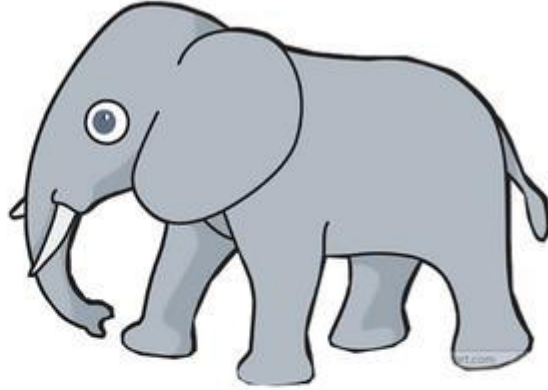
The rabbit is **heavier** than the bird.

The bird is **lighter** than the rabbit.



The elephant is the **heaviest** animal here.

the bird is the **lightest** animal here.



How many sentences can you write about these animals using these words:

**heavy** **light**

**heaviest** **lightest**

If an object is **heavier** than something, it means it weighs **more than**. If an object is **lighter** than something then it weighs **less than**.

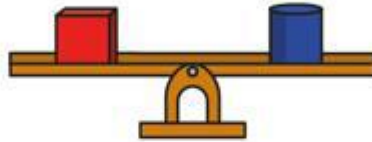
Choose a phrase to complete the sentences.

more than

less than

the same as

a)



The cube weighs \_\_\_\_\_ the cylinder.

b)



The cuboid weighs \_\_\_\_\_ the sphere.

# Weight Puzzle

I'm thinking of an object. It is heavier than a pencil, but lighter than a dictionary.



What object could Jack be thinking of?  
Prove it.  
How many objects can you think of?



# Let's practice counting in 2s, 5s and 10s!

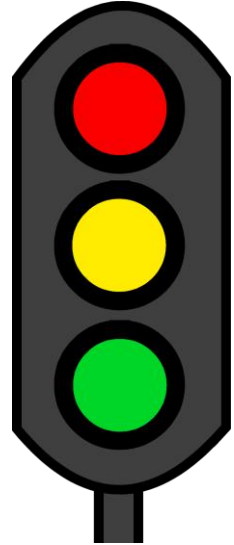
<https://www.bbc.co.uk/teach/supermovers/ks1-maths-counting-with-john-farnworth/zbct8xs>



# Mental Maths practice

Have a go at these addition and subtraction problems. Remember the different strategies we use at school (counting on, counting back, number bonds and other fast facts...) Don't forget to look carefully at + or -

Choose which colour challenge you feel ready for!



# Mental Maths

$6+4=$

$10-3=$

$8-2=$

$7-5=$

$6+3=$

$5+2=$

$7+1=$

$7+5=$

$9+9=$

$15-4=$

$14-2=$

$7+7=$

$11+11=$

$18-0=$

$25+16=$

$35-16=$

$24+21=$

$42-16=$

$31-12=$

$50-43=$

$32-23=$

# Session 3

## Recap shape

## Quick starter

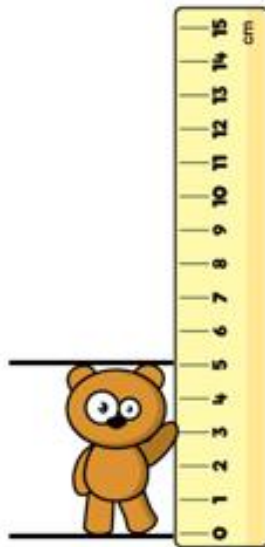
1)  $10 + 10 + 10 + 10 =$

2) Complete the sentence.  
There are \_\_\_\_ groups of \_\_\_\_ fish.



3) How tall is the bear?

4) Subtract 2 from 9



Today we will revisit 2D and 3D shapes.



Label the shapes.

Use the word bank to help you.

square   rectangle   circle   triangle



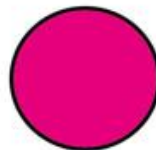
\_\_\_\_\_

\_\_\_\_\_

Label the shapes.

Use the word bank to help you.

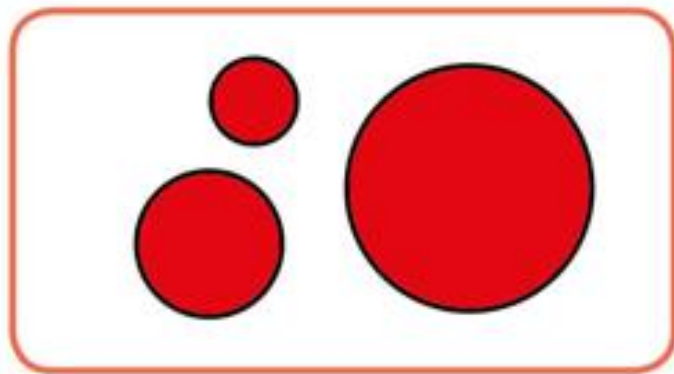
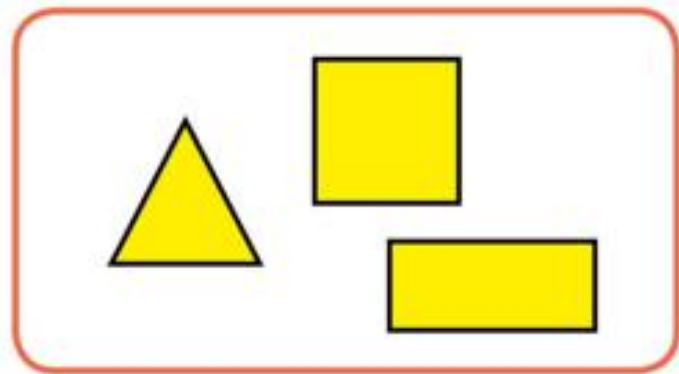
square   rectangle   circle   triangle



\_\_\_\_\_

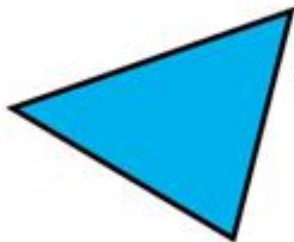
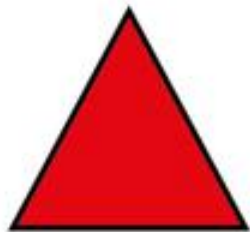
\_\_\_\_\_

How have the shapes been sorted?





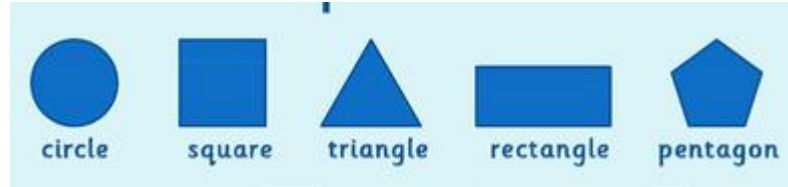
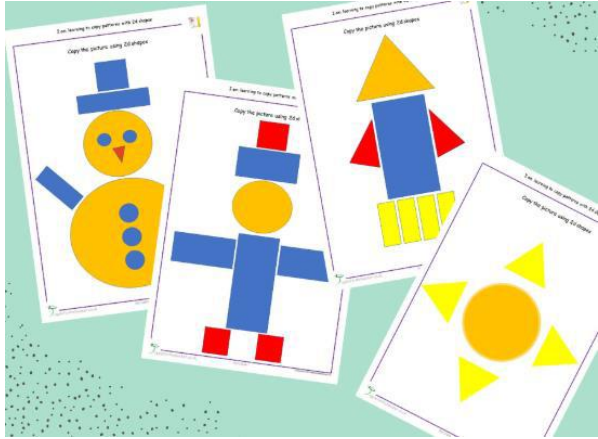
Tick the triangles.



How did you choose which shapes to tick?

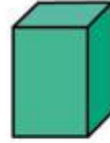
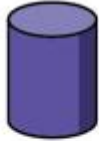
# Activity 1

Can you draw a picture using as many 2D shapes as you can. Make sure to label your picture afterwards!



If you are staying at home, please send in your shape picture on Google Classroom. If you are coming into school there is no need to send any work through Google Classroom.

Can you match the shape to its name?



sphere

cone

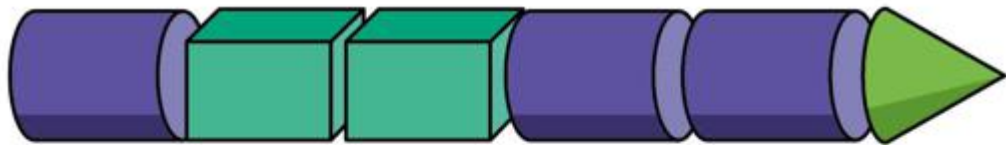
cuboid

pyramid

cylinder

cube

Have a look at this train.



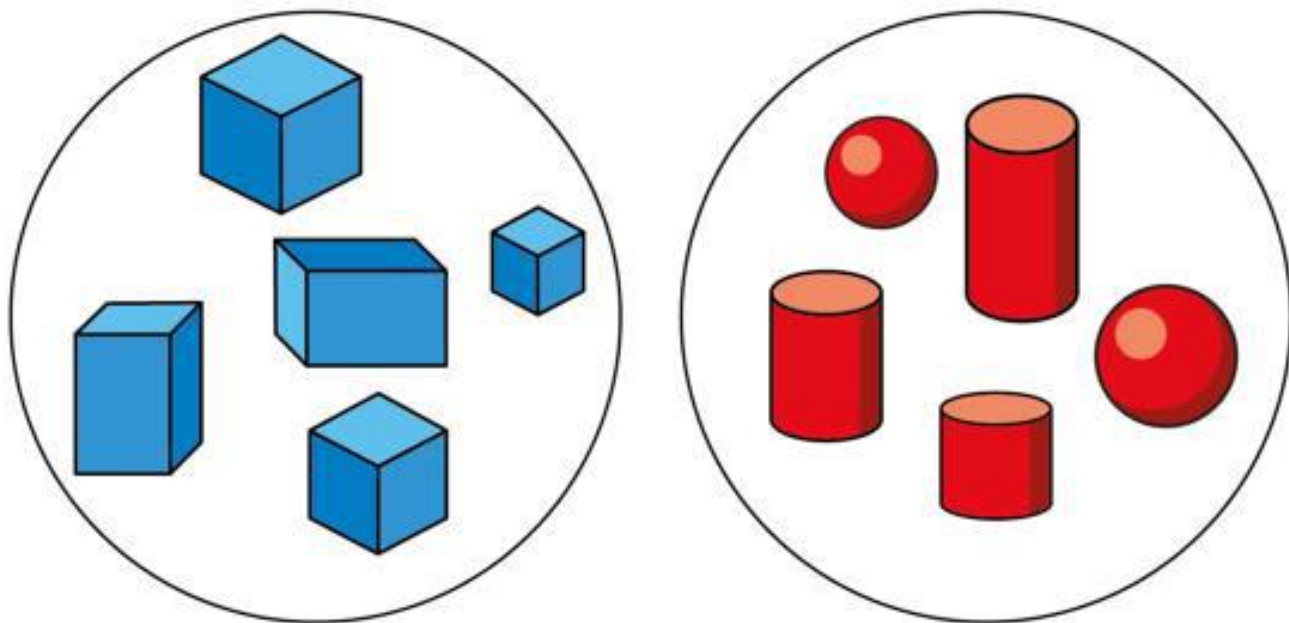
Complete the sentences.

The train has  cylinders.

The train has 2 \_\_\_\_\_.

The last shape in the train is a \_\_\_\_\_.

How have the shapes been sorted?



Can you sort the shapes another way?

# Activity 2

Go on a 3D shape hunt of your house, or out and about when you get your daily exercise. Find, draw and label as many 3D shapes as you can.



# Session 4

## Recap place value

## Quick starter

- 1) The children get into groups of 2.  
How many groups will there be?



- 2) Write 2 calculations to describe the array.



- 3) The  weighs \_\_\_\_ cubes.

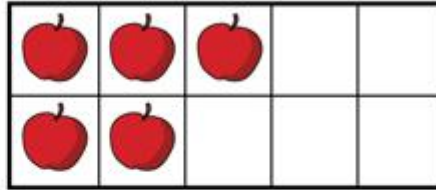
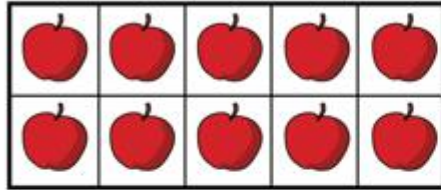


- 4) Find the total of 10 and 9



Let's recap our tens and ones. Tens frames are a great way to show tens and ones. Look at this tens frame and answer the questions.

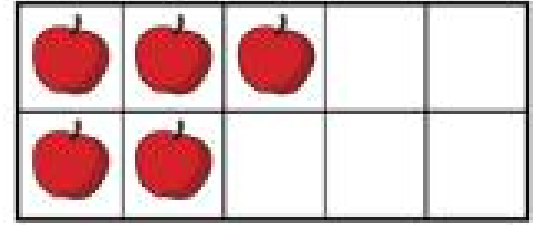
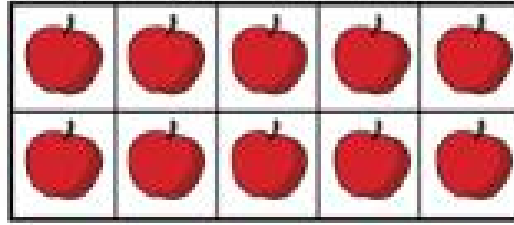
a) How many apples are there?



There is  ten and  ones.

There are  apples.

There are 15 apples.

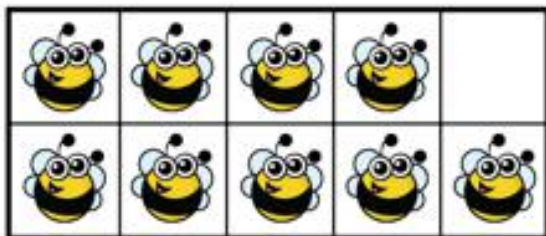


We know this because we can see 1 ten, and 5 ones.

1 ten and 5 ones makes 15.

Remember, you don't even need to count each apple in the full tens frame. You know it must be ten as it is completely filled up.

How many bees are there?



There is

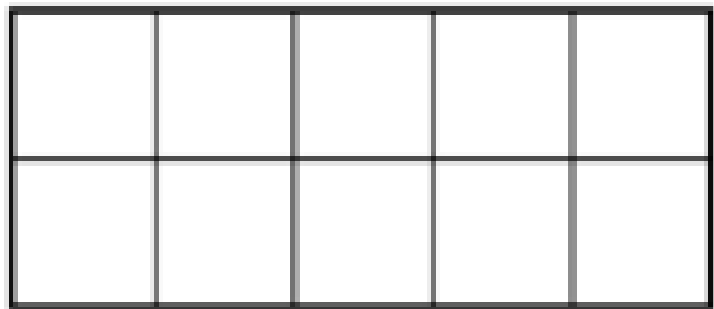
ten and

ones.

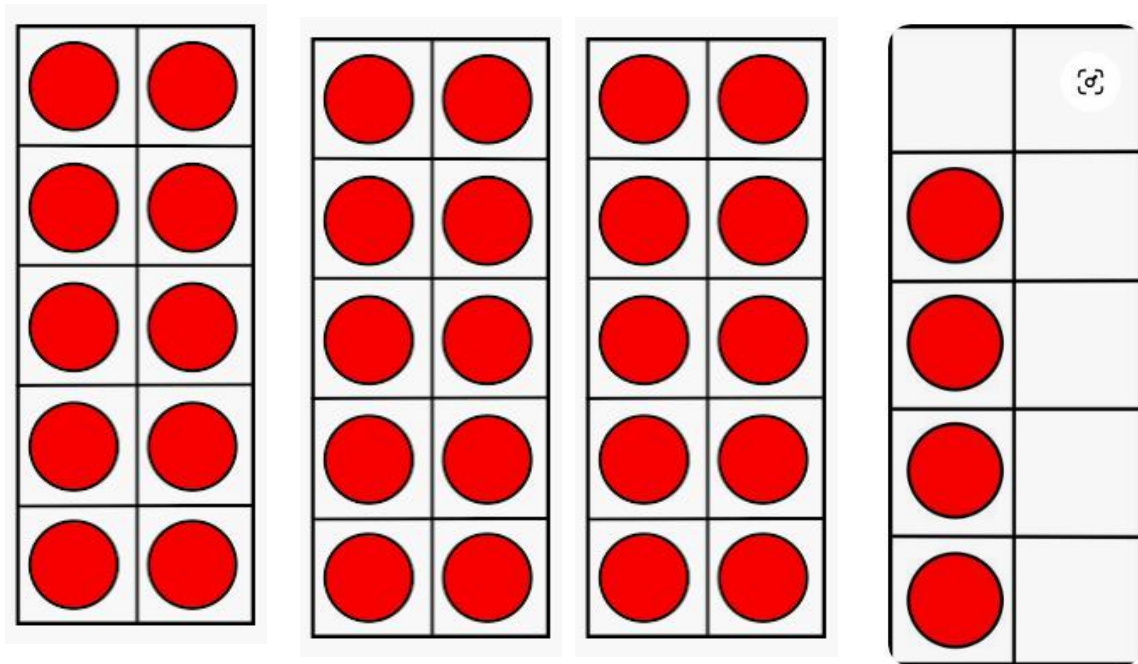
There are

bees.

How many tens frames would we need to make the number 34?



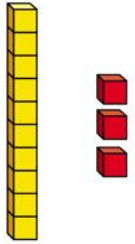
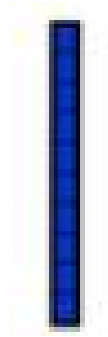
The number 34 would need 4 tens frames.  
3 tens and 4 ones.



# We can also use our Diennes to show numbers.

This is a ones dienne. 

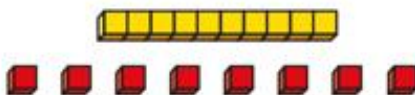
This is a tens dienne. It is made up of ten ones.



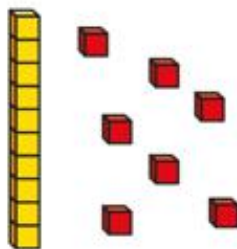
These diennese show the number 13. There is 1 ten and 3 ones.

Match the number sentences to the pictures.

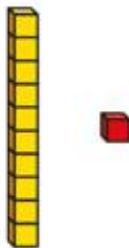
1 ten and 7 ones



1 ten and 1 one



1 ten and 8 ones



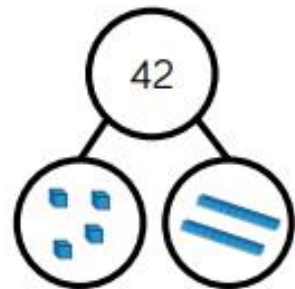
Dora and Amir both try to build the same number.



Dora



Amir



Who is correct?

Can you explain the mistake that has been made?