Year R - Maths Development – Summer 2 – Week 4

	Day 1 Activity	Day 2 Activity	Day 3 Activity	Day 4 Activity	Day 5 Activity
Useful websites:	CBeebies Numberblocks is a useful tool we have used in class. Click on the link for games and the TV show. Bugz counting game – count the dots on the ladybird and click on the number to match (numbers 0-6) Topmarks for additional maths games. Please access your Mathletics account to complete activities. If you need help to login please email me.				
Mental Maths	"Ordering numbers"	"Biggest number"	"Smallest number"	"Missing numbers"	"One more/one less"
Problem/activity of the day	Meg has made 5 cupcakes for her friends in school so they all get one each. There are now double the number of children in Meg's class so she needs to make double the number of cakes. How many cakes does she need now?	Meg and Ted have been in the garden. Meg has picked some beautiful flowers. Ted would also like to pick the same number of flowers. If Meg picks 4 flowers and Ted picks the same number (double 4) How many flowers are there altogether?	There were 16 cars in the car park at lunchtime and half were driven away. How many would be left in the afternoon? Try fir different number of cars: 8 cars 10 cars 20 cars 12 cars	There are 22 footballers on a field and half of them are wearing red and half are wearing blue. How many footballers are in red? Draw 22 T-shirts and colour half in red to check.	Meg and Ted invited their friend, Lion to their house for tea. They bought a pizza and cut it in to 9 slices. How many slices will they get each?
	During the week complete the following pages in your CGP book focussing on Doubling – pages 16 and 17, Halving – pages 18 and 19, Grouping and Sharing – pages 20 and 21				
Resources you will need or to support learning	Pencil and paper, pictures/objects to represent the cupcakes.	Pictures/objects to represent flowers, pencils and paper	Pictures/objects to represent cars, pencils and paper	Pictures/paper to represent the football shirts. Pencils and paper.	Pencils and paper, objects/pictures to represent the slices of pizza.
Tips, clues or methods to help	Double means twice as many.	Double means twice as many. Draw the same number of flowers for Ted and Meg, then count all the flowers.	Move the cars one at a time to the car park and out of the car park. How many do you have in each area?	Draw one shirt red, one shirt blue until all the shirts are coloured in. Count up the red shirts.	Draw Meg, Ted and their friend, Lion. Give each person a slice of pizza, one at a time until there are no slices left.
Theme	Doubling	Doubling	Halving	Halving	Grouping and sharing

See below for: Meg's cakes (Day 1), Meg's flowers (Day 2), cars (Day 3), Football shirts (Day 4), pizza (Day 5)
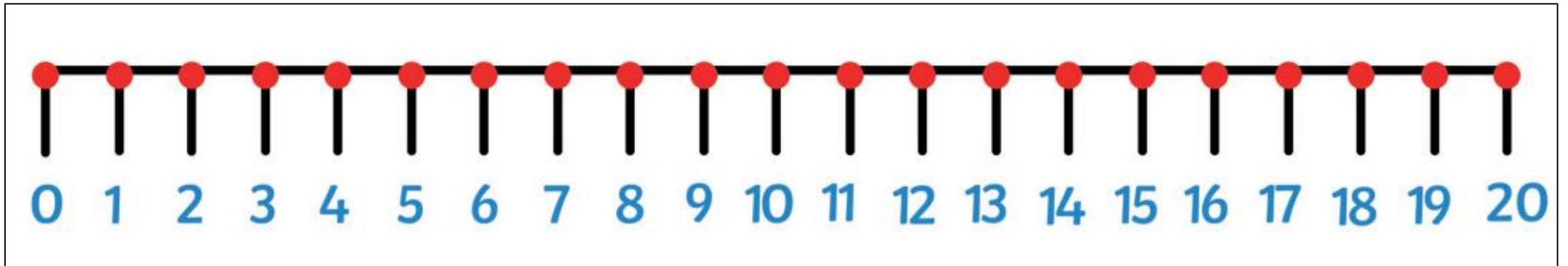
Mental Maths:

- **"Ordering number"** – write numbers 1-20 on separate pieces of paper. Put these numbers in the correct order. (challenge 1 – order numbers to 5, challenge 2 – order numbers to 10, challenge 3 – order numbers to 20)
- **"Biggest number"** – using the numbers from yesterday put them face down. Take two numbers and identify which number is the biggest. Put back and repeat a few times.
- **"Smallest number"** - using the numbers from yesterday put them face down. Take two numbers and identify which number is the smallest. Put back and repeat a few times.
- **"Missing numbers"** – ask an adult to the put the number cards in order but miss out a few – children to identify the missing numbers, repeat a few times.
- **"One more/one less"** – place the number cards face down. Take a card, children to identify the number one more or one less than this number. Repeat a few times.

Number cards 1-20

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Number line to 20

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Day 1

I have made 5 cupcakes for all my friends in class. I need to make more cakes as I have double the number in my class.

How many cakes do I need to make now?

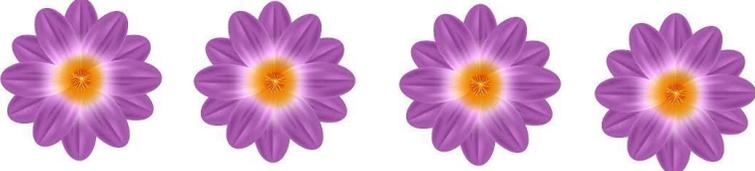Meg's 5 cupcakes she has made but she needs to make double this amount.

How many more does she need to make?

How many cakes will she have in total?

Repeat for different numbers of people

Day 2

I have picked 4 flowers.

I would also like to flowers.

Here are Meg's 4 flowers.

How many flowers do I need to pick if I would like the same number as Meg?

How many flowers do we have altogether? Double 4.

Repeat for different numbers:

Meg has 3 flowers

Meg has 5 flowers

Meg has 7 flowers

Meg has 10 flowers

1. There are 16 cars in the car park.

2. At lunchtime half drive away.

Move the cars one at time – one in to the car park and one out of the car park

In the car park	Out of the car park

3. Now count the number of cars out of the car park.

4. Say "half of 16 is 8".

5. Repeat for different numbers of cars:

  8 cars

  10 cars

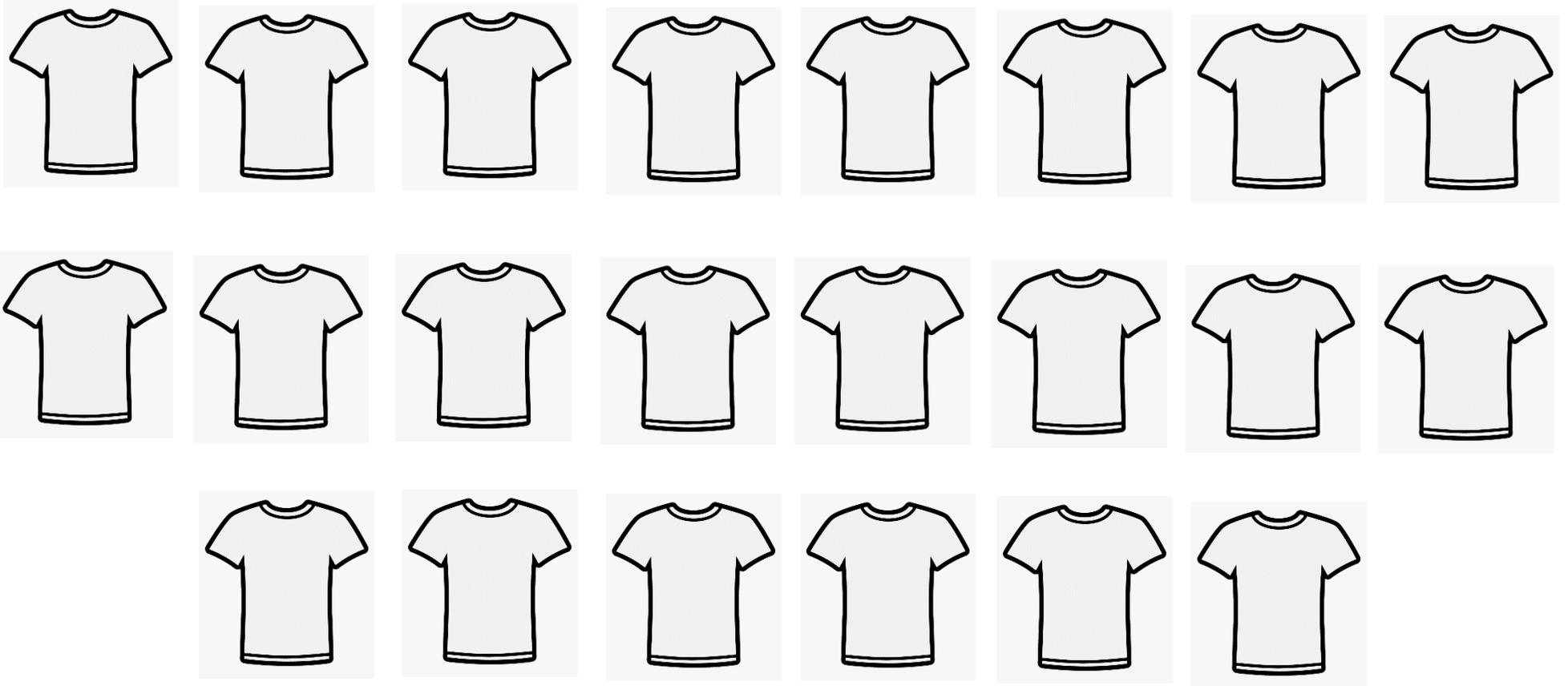 20 cars

  12 cars

There are 22 footballers on the pitch.

Half are red and half are blue.

How many red shirts are there?

Day 5

1. Meg and Ted invited their friend Lion for tea.

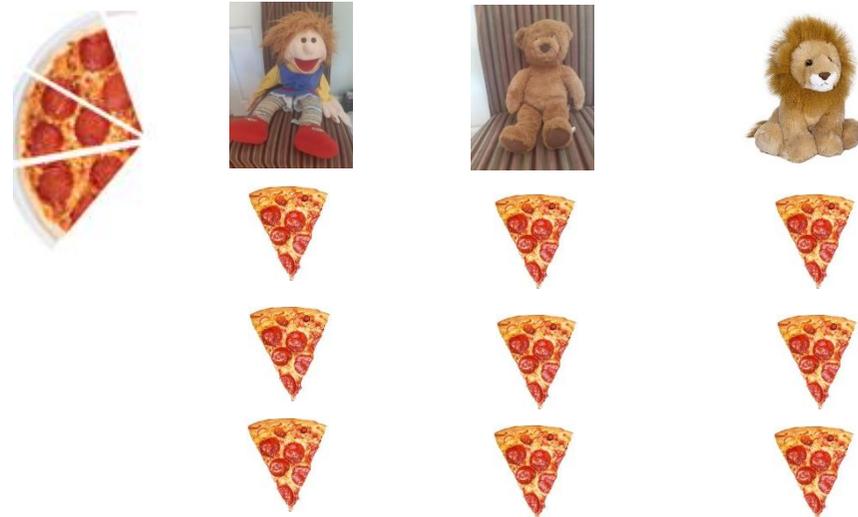They decided to eat a pizza with 9 slices.

2. Meg was given a slice of pizza, then Ted got his slice of pizza and the Lion got his slice of pizza.

3. There were 6 slices left, they all received another slice of pizza.

4. There were 3 slices of pizza left, they all received another slice of pizza.

5. How many slices did they get each?

6. How many slices would they get if there were 12 slices of pizza?
   6 slices?
   3 slices?
   15 slices?
   18 slices?