

# Home Learning - Year 2

## This Week's Maths Tasks

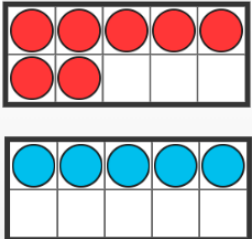
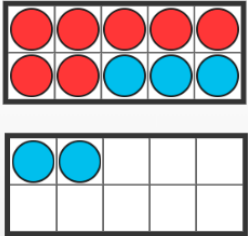
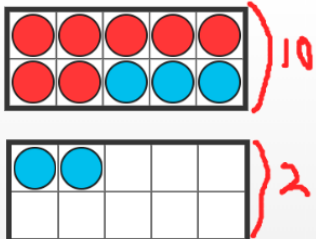
WC - 4<sup>th</sup> May 2020

### Mental Maths

- 5 minutes each day on Times Tables Rockstars. Remember to complete a Studio activity once each week.

### Activity 1 – Using Number Bonds to add two numbers that bridge a tens number

You can use your number bonds to help with adding numbers.

Step 1 – Make the numbers in a tens frame.	Step 2 – Make the larger number into a 10's number by using counters from the smaller number (Look at the larger number - what is the number bond to 10? If that amount is used to make a complete 10 frame, what is left over from the smaller number?)	Step 3 – Read the answer!
 $7 + 5$	 $7 + 5$	 $7 + 5 = 12$

### Level 1 - Add two 1-digit numbers

3+8    7+6    9+4    6+5    4+8    7+9    5+8    9+9

### Level 2 – Good at that? Now add a 2-digit number and a 1-digit number (e.g. 16 + 8)

14+8    17+7    19+3    16+6    18+9    14+9    25+8    27+6

### Level 3 – Ready for an extra challenge? Add without using the tens frame. Try to use number bonds instead of counting on with your fingers!

37+4    42+9    36+8    57+5    88+5    74+9    32+9    95+6

### Level 4 – For Super Maths Detectives. Can you spot anything interesting with these calculations? Can you explain what is happening?

6+7    16+7    26+7    36+7    46+7

**Activity 2 – Subtracting two digit numbers (without exchange)**

- Complete these subtractions:

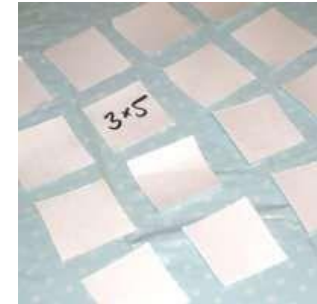
	4	4			8	9			7	6			6	1			6	8
-	1	2		-	7	0		-	6	6		-	1	0		-	5	6
	2	5			7	4			5	6			4	1			4	2
-	1	2		-	1	2		-	4	0		-	3	0		-	2	2







- Top tips:

<b>Step 1 – Draw the number that you start with.</b> In this example we start with 36 and will subtract 15 from it.	<b>Step 2 – Subtract the ones</b> (the smallest place vale). In our example we need to subtract 5 ones from 6 ones.	<b>Step 3 – Subtract the tens</b> (the next highest place vale). In our example we need to subtract 1 ten from 3 tens.	<b>Step 4 – How many ones</b> are in the ones column? <b>How many tens</b> are in the tens column?

### Activity 3 – Counting in 5's

- Start at 0 and count to 60 in 5's. Write down the number sequence.
- Make and play a 5x table matching game.  
Write a 5x table multiplication on one card and the answer on another. Do this for facts up to  $10 \times 5$ .  
Turn all the cards over and your child needs to find the matching cards.
- CHALLENGE: Write down the calculation needed to solve each of these multiplication or division problems.



 <b>a</b> 5 feet. How many toes in all? _____	 <b>b</b> 6 hands. How many fingers in all? _____	 <b>c</b> 4 feet. How many toes in all? _____
 <b>d</b> 9 hands. How many fingers in all? _____	 <b>e</b> 45 toes. How many feet? _____	 <b>f</b> 35 fingers. How many hands? _____

#### Tips:

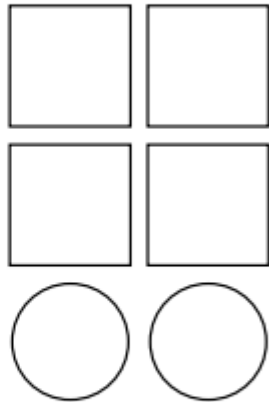
- Remember  $\times$  means groups of, so if you've got  $5 \times 5$  you have got 5 groups of 5 (count in 5's 5 times)
- For the last two questions you want to know how many groups of 5 make the number of toes or fingers. Count in 5's until you get to that number of toes or fingers. How many lots of 5 did you need?

#### Activity 4 – Challenge!

### Coloured shapes

What colour is each shape?

Write it on the shape.



#### Clues

- ◆ Red is not next to grey.
- ◆ Blue is between white and grey.
- ◆ Green is not a square.
- ◆ Blue is on the right of pink.

#### Useful Links and Videos

- Tens frame resource: <https://apps.mathlearningcenter.org/number-frames/>
- Base 10 resource: <https://www.mathlearningcenter.org/resources/apps/number-pieces>
- Number line resource: <https://apps.mathlearningcenter.org/number-line/>