Home Learning - Year 2

This Week's Maths Tasks	WC - 11th May 2020

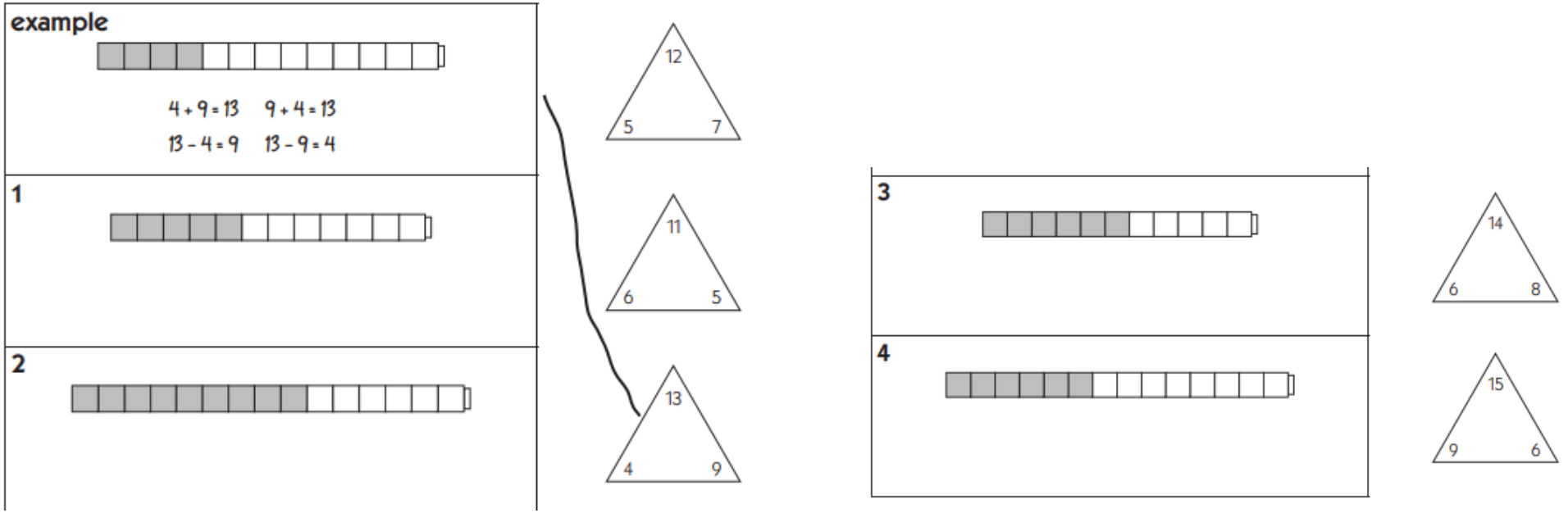
Mental Maths

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

Activity 1 – Fact families

Fact Family Triangles

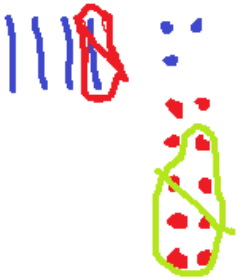
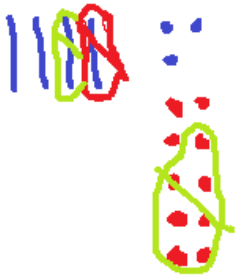
Match each Unifix train to its fact family triangle. Then write 2 addition and 2 subtraction sentences to match. Write them under the train.



<u>Activity 2</u> – Subtracting two digit numbers (with exchange)

- Complete these subtractions:

- *Top tips:*

Step 1 – Draw the number that you start with. In this example we start with 43 and will subtract 17 from it.	**Step 2a – Subtract the ones** (the smallest place vale). In our example we need to subtract 7 ones from 3 ones. We can't do this, **so first we need to exchange a ten for 10 ones**.	**Step 2b – Now we can subtract the ones!**
 43 - 17	 43 - 17	 43 - 17
Step 3 - Subtract the tens (the next highest place vale). In our example we need to subtract 1 ten from 4 tens.	**Step 4 – How many ones** are in the ones column? **How many tens** are in the tens column?	
 43 - 17	 43 - 17 = 26 2 6	

Level 1 – Subtract a 1-digit number from a 2-digit number with exchange.

15 – 6 12 – 5 14 – 8 18 – 9 13 - 7

Level 2 – Good at that? Try these…

94 - 8 37 - 9 22 - 7 55 - 8 72 - 6

Level 3 – Ready for an extra challenge? Subtract a 2-digit number from a 2-digit number with exchange

47 - 18 64 - 36 51 - 38 95 - 77 61 - 49

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

51 - 18 31 - 28 71 - 58 41 - 38 91 - 68

<u>Activity 3</u> – Counting in 2's

- Start at 0 and count to 24 in 5's. Write down the number sequence.
- Count back from 24 in 2's. Can you do it without looking at the number sequence that you wrote?

- Write down the answers to the 2x table on one set of cards. Place the cards around the park/garden/downstairs of your house. Ask someone in your family to call out a 2x table multiplication (e.g. "2x6" or "9x2"). You have to run and collect the correct answer card and bring it back to the caller. Shout the whole number sentence e.g. "2x6 is 12". Carry on until all answer cards have been collected in. Time how long it takes to complete. Try on another day. Can you beat your time?

  Tips:
  - Remember x means groups of, so if you've got 5 x 2 you have got 5 groups of 2 (count in 2's 5 times)

Activity 4 – Challenge!

Ones and twos

Holly has six numbers, three 1s and three 2s.
She also has lots of + signs, x signs and = signs.

1 2 1 2 1 2

She is trying to make the biggest number possible.
Here are some she tried.

First try	Second try
1 x 2 = 2	1 + 2 + 1 + 2 + 1 + 2 = 9
1 x 2 = 2	
1 x 2 = 2	
2 + 2 + 2 = 6	

Can you beat Holly's score?

What if Holly had three 2s and three 3s?

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/