Year 2 Maths – Week beginning 8th June

Please continue to use **Numbots** and if you haven't completed your **MyMaths** tasks from last week, they were set for two weeks so you can complete them this week.

After your fantastic work on number and place value last week we are going to go back to recap addition and subtraction. I know that you have already practised this at home, but we are going to go over some of our key skills, recap the methods and then solve some problems.

Task 1: practise the tasks below

Challenge: Can you create and solve your own subtraction number sentences? (If you wanted, you could include number bonds to ten within your calculations).

For example: 34 – 4 – 6 = _____

Counting in Steps of 10

Count from zero to fifty in steps of ten.

Answer: 0, 10, 20, 30, 40, 50

Now try these. Put your answers in the boxes.

1   40 + 10 + 10

5   60 − 10 − 10

2   24 + 10 + 10

6   56 − 10 − 10

3   79 + 10 + 10

7   32 − 10 − 10

4   55 + 10 + 10 + 10

8   83 − 10 − 10 − 10

Adding 2-Digit Numbers and Tens

Now try these. Put your answers in the boxes.

1   40 + 20

2   30 + 50

3   47 + 40

4   10 + 81

5   50 + 46

6   68 + 20

7   13 + 60

8   70 + 27

Subtracting Tens from 2-Digit Numbers

Now try these. Put your answers in the boxes.

1 50 – 20

2 80 – 40

3 57 – 30

4 61 – 50

5 70 – 70

**6** 94 – 30

7 82 – 60

8 98 – 80

Task 2: practise your number line addition and subtraction again

Create your own addition and subtraction number sentences and solve them using a number line.

I have given you some examples below to help you remember.

Remember…
- We start from the beginning of the number line (the left) when we add, and we start from the end of the number line (the right) when we subtract.

- We do a larger jump for adding or subtracting a group of 10 and smaller jumps for ones.
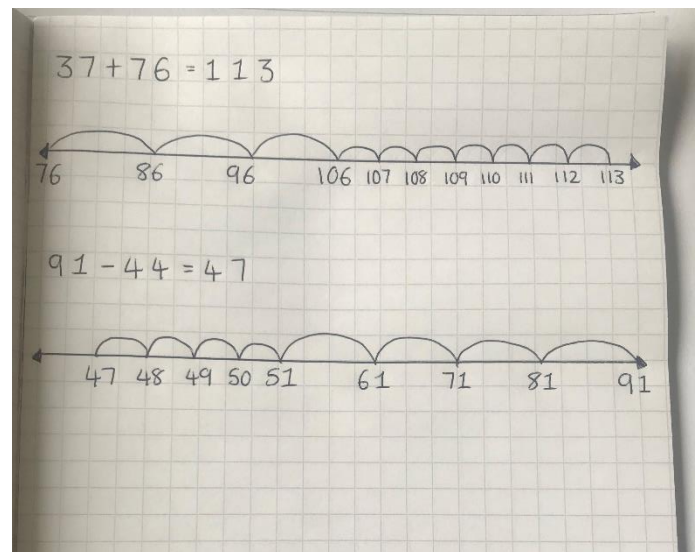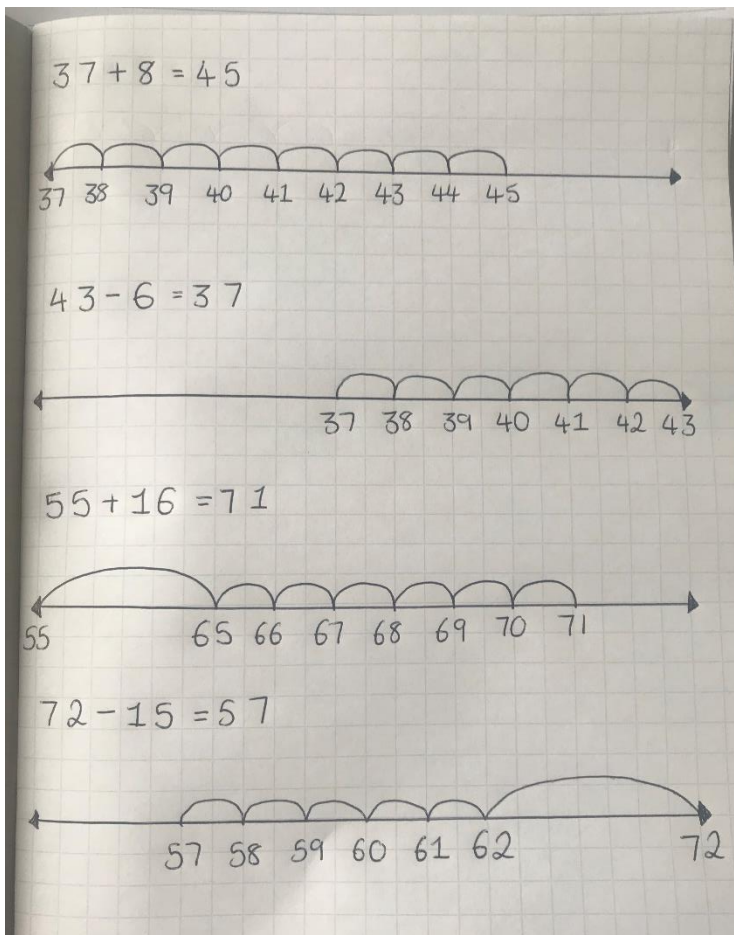
Task 3: practise your addition through the partitioning method

<u>Example 1</u>

For this example, we would write the calculation first 63 + 33 = _____ .

Then we would break it down into the steps below.

$$63 + 33 = 96$$
$$60 + 30 = 90$$
$$3 + 3 = 6$$
$$90 + 6 = 96$$

Step 1: The 6 in 63 is worth 60 and there is 30 in 33.

60 + 30 = 90.

Step 2: The 3 in 63 is worth 3 and there are 3 ones in 33.

3 + 3 = 6

Step 3: We would add the total of tens and ones.

90 + 6 = 96.

Then we would place the answer at the top to complete the calculation.

<u>Example 2</u>

Here is an example of how we would solve it if the ones were to pass 9 and go into double digits.

Again, we would write the calculation first 47 + 29 = _____.

Then follow the steps.

$$47 + 29 = 76$$
$$40 + 20 = 60$$
$$7 + 9 = 16$$
$$60 + 16 = 76$$

Step 1: Add the tens

Step 2: Add the ones.

Step 3: Add the total of tens and ones.

Task 4: Solve missing number sentences

Missing Number Problems

What number do you add to twenty-two to get thirty?

Answer: Eight

Now try these. Put your answers in the boxes.

1 $\boxed{} - 2 = 21$

5 $6 + \boxed{} = 84$

2 $23 = \boxed{} + 7$

6 $\boxed{} - 3 = 38$

3 $46 + \boxed{} = 50$

7 $2 + \boxed{} = 91$

4 $74 - \boxed{} = 69$

8 $\boxed{} - 7 = 65$

Missing Number Problems

9 10 = ☐ − 32

14 57 = 30 + ☐

10 33 − ☐ = 3

15 ☐ − 63 = 20

11 88 = ☐ + 60

16 83 − ☐ = 13

12 ☐ − 40 = 36

17 57 − ☐ = 0

13 50 + ☐ = 74

18 ☐ − 26 = 70
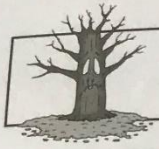
Missing Number Problems

19 ☐ − 21 = 67

23 17 + ☐ = 91

20 52 + ☐ = 84

24 ☐ − 29 = 39

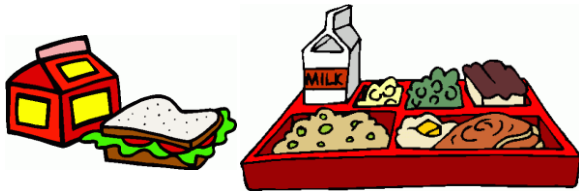**21** 81 − ☐ = 60

25 ☐ − 64 = 28

22 ☐ − 23 = 46

26 52 = ☐ + 25

Task 5: problem solving

There are 65 children at Hill School.

17 children have packed lunch.

12 children go home for lunch.

The other children have a school lunch.

How many children have a school lunch?

Adam makes a call from a telephone box.

He uses these five coins to make the call.

How much money has he got left from the £1?

There are 25 people on the bus. Then 15 more get on. At the next stop, 8 get off the bus. How many people are now on the bus?

Alfie has 24 fish. One Saturday, he catches 18 more. The next day his cat eats 12. How many are left?

Gracie has £1.00 She buys two lollipops costing 25p each and a drink for 29p. How much money does she have left?

Hermione has some raspberries.

She eats two of them.

Then she eats half of what is left.

She now has 7 raspberries.

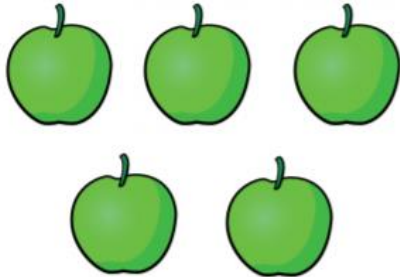How many raspberries did she have to start with?

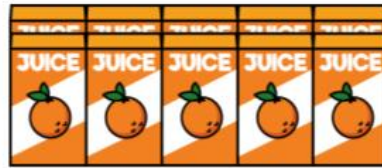# White Rose Problems (mixed calculations)

1 In a box

- $\frac{1}{4}$ of the apples are green.
- The rest are red.
- There are 5 green apples.

How many apples are red?

2 Amir has 10 cartons of juice.

Each carton holds 2 litres of juice.

How much juice is in 7 cartons?

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1 Here are 3 number patterns.

| 0 | 5 | 10 | 15 | 20 | | 30 |

| 27 | 37 | | 57 | 67 | 77 | 87 |

| 32 | 30 | 28 | 26 | | 22 | 20 |

What is the sum of the three missing numbers?

2 Work out the value of each symbol.

△ + △ = 18

△ + ◆ = 30

★ − ◆ = 10

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1 Mary measures the mass of 2 cylinders.
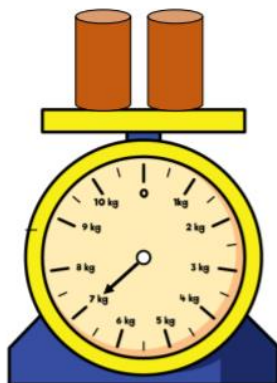
What is the mass of 10 of these cylinders?

2 Jack and Dora each have some money.

I spent half of my money.

I spent £12

They have the same amount left.

Dora spent £20

How much money did Jack have at the start?

Grouping Goodies

Age 5 to 7 ★★★

Pat has no more than 20 sweets in a bag.

She counts her sweets in groups of two. She has one left over.

Then she counts her sweets in groups of five. She has 2 left over.

How many sweets could Pat have? Is there another answer?