Year 1 Maths Week 2

This week we will be looking at subtraction. The children have covered this in school but we wanted to give the children the opportunity to recap their learning and have a go at applying their subtraction skills with different problems.

The following will give you some lesson ideas. All activities will be in green.

WALT solve subtractions using jottings.

The children are used to using jottings in maths. The method involves drawing circles or crosses and crossing out the amount you are taking away. An example of this is:

5 – 3 =   First I drew 5 circles. I then crossed out 3 (as this is the number we are

o o ✕ ✕ ✕   wanting to take away. I am left with 2. The answer is 2.

Remember you can do a straight, solid line to represent 10, but this isn't always the best thing to do when subtracting. You should only use it if you are not crossing 10 (eg, 15 – 2 = ? the answer will not be below 10, therefore you can use a straight line).
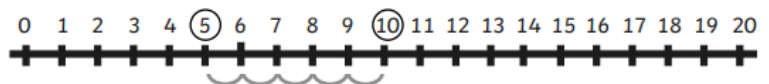
Can you solve these questions using jottings?
1. 8 – 4 =
2. 10 – 6 =
3. 12 – 5 =
4. 17 – 3 =
5. 16 – 11 =

6. 20 – 9 =
7. 24 – 3 =
8. 28 – 6 =
9. 25 – 12 =
10. 29 – 10 =

WALT solve subtractions using a number line.

The children have learnt how to use a number line to solve subtractions. You can print one off from the internet (twinkl have some colourful ones) or make your own!

10 – 5 = ?

1. Circle the starting number on the number line (10).
2. Do 5 jumps BACKWARDS (towards 0).
3. Once you have done the number of jumps, circle the number you land on. That is your answer!

Can you use a number line to solve these subtractions?
1. 7 – 3 =
2. 9 – 6 =
3. 12 – 4 =
4. 16 – 6 =
5. 18 – 11 =

6. 20 – 7 =
7. 19 – 12 =
8. 27 – 4 =
9. 30 – 6 =
10. 25 – 13 =

The children have looked at word problems as a class. The children can use either jottings or the number line to solve the problem. We don't mind what method the children use, as long as they show their working out!

Example:

I had 6 pens. 2 pens broke. How many do I have now?

We would encourage the children to read the question. What numbers can you see? Can you circle the numbers? Look at how many pens there were (6) – this is your first number. How many pens broke? (2) – this is the number you are taking away.

Therefore the question wants you to solve 6 – 2 = ____.

Can you answer these word problems?

1. Miss Washington had 8 cookies. She ate 4! How many does she have left?
2. Miss McIntosh had 10 books. She gave 3 to her sister. How many does Miss McIntosh have left?
3. Mrs Willcox has 12 eggs. She uses 5 to make a cake! How many eggs does she have left?
4. Mr Panting had 14 pencils. 7 broke. How many does he have now?
5. Mrs Bodycote has 18 maths books to mark! She has marked 9 books. How many does she have left to mark?
6. Miss Brown has 30 teabags. She gives 10 away to Mrs Cox. How many teabags does Miss Brown have left?
7. Mrs Hall picks 15 flowers in her garden. She gives 6 to her friend. How many does she have left?

Can you mark your own work? Use your working out to check if you are right! If you got it wrong, write the correct answer in a different colour!
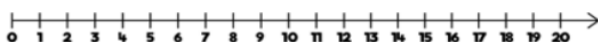
WALT solve subtraction problems.

In Year 1 we have lots of maths targets. Some of these targets are based on 'reasoning skills'. This means that the children should be able to not only answer questions, but explain how they got to the answer, giving reasons as they go. The children practise this skill in our maths lessons and through 'green challenge questions'.

Have a go at answering these questions. You can talk it through with your grown up and see if you can figure out the answer! Think carefully!

How many ways can you complete this number sentence?
Use the number line to help you.

$$\begin{array}{c} \text{|}\!\!\!\text{|}\quad 0\ 1\ 2\ 3\ 4\ 5\ 6\ 7\ 8\ 9\ 10\ 11\ 12\ 13\ 14\ 15\ 16\ 17\ 18\ 19\ 20 \end{array}$$

A

$$\boxed{} - \boxed{} = 11$$

B

Annie, Tommy and Alex are working out which calculation is represented below.

First	Then	Now

$17 - 17 = 0$ — Annie

Tommy — $17 - 0 = 17$

$0 - 17 = 17$ — Alex

Can you work out who is correct?
Explain why.

C

Amir has 16 apples. Ron has none.
Amir gives Ron 9 apples.
Who has the most apples now?
Explain how you know.

D

Whitney has 16 sweets and eats 7 of them.

Mo has 17 sweets and eats 8 of them.

Who has more sweets left?

Explain how you know.

E

Use <, = or > to complete these number sentences.

$5 + 3 \bigcirc 4 + 3$

$10 - 0 \bigcirc 10 - 2$