BASIC FACTS LADDER

Dear Parents

To help with your child's learning of the basic facts ladder , I have prepared a pack containing all the templates and numbers needed to get to step 21.

Here is a guide for equipment needed at each maths step and **an example** of the different ways just **one of the equations** can be presented.

Step 6 Addition cards, numbers 0,1,2,3,4,5. **Add to make less than 5**
0 + **?** = 4 **?** + 0 = 4 0 + 4 = **?** 4 = 0 + **?** 4 = **?** + 4 **?** = 4 + 0

Step 7 Addition cards, numbers 0,1,2,3,4,5. **Facts to make 5**
3 + 2 = **?** 3 + **?** = 5 **?** + 2 = 5 5 = **?** + 2 5 = 3 + **?** **?** = 3 + 2

Step 8 Addition cards, numbers 0,1,2,3,4,6,8,10. **Doubles to 10**
2 + 2 = **?** 2 + **?** = 4 **?** + 2 = 4 4 = **?** + 2 4 = 2 + **?** **?** = 2 + 2

Step 9 Halves cards, numbers 10,8,6,4,2. **Halves of numbers to 10**
½ of 8 is **?** 4 is ½ of **?** half of **?** is 4 half of 8 is **?**

Step 10 Addition cards, numbers to10. **5 and facts**
5 + 2 = **?** 5 + **?** = 7 **?** + 2 = 7 **?** = 2 + 5 7 = **?** + 5 7 = 2 + **?**

Step 11 Addition cards, numbers to 10. **Addition facts that make 10**
6 + 4 = **?** 6 + **?** = 10 **?** + 4 = 10 10 = 6 + **?** 10 = **?** + 4 **?** = 6 + 4

Step 12 Addition cards, numbers to 10. **Addition facts up to 10**
2 + 6 = **?** 2 + **?** = 8 **?** + 6 = 8 8 = 2 + **?** 8 = **?** + 6 **?** = 2 + 6

Step 13 Addition cards, numbers 5,6,7,8,9,10. **Doubles between 10 and 20**
7 + 7 = **?** 7 + **?** = 14 **?** + 7 = 14 14 = 7 + **?** 14 = **?** + 7 **?** = 7 + 7

Step 14 Addition cards, numbers to 20. **10 and facts**
10 + 4 = **?** 10 + **?** = 14 **?** + 4 + 14 14 = 10 + **?** 14 = **?** + 4 **?** = 10 + 4

Step 15 Subtraction cards, numbers to 10. **Subtraction facts starting with 10**
10 – 3 = **?** 10 - **?** = 7 **?** – 3 = 7 **?** = 10 – 3 7 = **?** – 3 7 = 10 - **?**

Step 16 Subtraction cards, numbers to 10. **Subtraction facts up to 10**
9 – 5 = **?** 9 - **?** = 4 **?** – 5 = 4 4 = 9 - **?** 4 = **?** – 5 **?** = 9 – 5

Step 17 Subtraction cards, numbers to 20. **Subtraction facts between 10 and 20 that = 10**
17 – 7 = **?** 17 - **?** = 10 **?** – 7 = 10 10 = 17 - **?** 10 = **?** – 7 **?** = 17 – 7

Step 18 Halves cards, even numbers to 20. **Halves of numbers up to 20**
½ of 16 is **?** ½ of **?** = 8 8 is ½ of **?** **?** is half of 16 half of 16 is **?**

Step 19 Addition cards, numbers 0,10,20,30,40,50,60,70,80,90,100. **Multiples of 10 = 100**
30 + 70 = **?** 30 + **?** = 100 **?** + 70 = 100 100 = 30 + **?** 100 = **?** + 70 **?** = 30 + 70

Step 20 Subtraction cards, numbers 0,10,20,30,40,50,60,70,80,90,100. **Multiples of 10 from 100**
100 – 40 = **?** 100 - **?** = 60 **?** – 40 = 60 60 = 100 - **?** 60 = **?** – 40 **?** = 100 - 40

Step 21 Addition cards, numbers to 20. **Addition facts to 20**
7 + 5 = **?** 7 + **?** = 12 **?** = 5 = 12 12 = 7 + **?** 12 = **?** + 5 **?** = 7 + 5

Step 22 **2 times-tables** sheets – to be collected from the teacher
Step 23 Division sheets for **dividing by 2** – to be collected from the teacher
Step 24 **10 times-tables** sheets – to be collected from the teacher
Step 25 Division sheets for **dividing by 10** – to be collected from the teacher
Step 26 **5 times-tables** sheets – to be collected from the teacher
Step 27 Division sheets for **dividing by 5** – to be collected from the teacher

This together with the maths ladder which gives examples of equations at each step should help with your child's learning.
The equations can be a mix of looking at the equations on the cards or done orally.
Your child needs to **answer each time in less than 4 seconds**.

If you have any queries please don't hesitate to ask me.

Kind regards
Patrick O'Sullivan