

Year 1 Number Challenge

As your child has completed the *Know Your Numbers Challenge*, the next challenge is the number challenge. This is designed to help children recall mental number facts quickly and confidently.

This booklet contains examples of how different stages of the challenge is presented to the children.

This challenge takes place every TUESDAY morning!

Step 1

Addition facts for number bonds to 10.

$$9 + \underline{\quad\quad\quad} = 10$$

$$10 + \underline{\quad\quad\quad} = 10$$

$$8 + \underline{\quad\quad\quad} = 10$$

$$7 + \underline{\quad\quad\quad} = 10$$

$$4 + \underline{\quad\quad\quad} = 10$$

$$2 + \underline{\quad\quad\quad} = 10$$

$$5 + \underline{\quad\quad\quad} = 10$$

$$6 + \underline{\quad\quad\quad} = 10$$

$$0 + \underline{\quad\quad\quad} = 10$$

$$3 + \underline{\quad\quad\quad} = 10$$

Step 2

Subtraction facts for number bonds to 10.

$$10 - 2 = \underline{\quad\quad\quad}$$

$$10 - 7 = \underline{\quad\quad\quad}$$

$$10 - 10 = \underline{\quad\quad\quad}$$

$$10 - 1 = \underline{\quad\quad\quad}$$

$$10 - 9 = \underline{\quad\quad\quad}$$

$$10 - 8 = \underline{\quad\quad\quad}$$

$$10 - 6 = \underline{\quad\quad\quad}$$

$$10 - 5 = \underline{\quad\quad\quad}$$

$$10 - 4 = \underline{\quad\quad\quad}$$

$$10 - 0 = \underline{\quad\quad\quad}$$

Step 3

Addition facts for number bonds to 20.

$12 + \underline{\quad\quad\quad} = 20$

$15 + \underline{\quad\quad\quad} = 20$

$9 + \underline{\quad\quad\quad} = 20$

$7 + \underline{\quad\quad\quad} = 20$

$8 + \underline{\quad\quad\quad} = 20$

$7 + \underline{\quad\quad\quad} = 20$

$0 + \underline{\quad\quad\quad} = 20$

$20 + \underline{\quad\quad\quad} = 20$

$3 + \underline{\quad\quad\quad} = 20$

$0 + \underline{\quad\quad\quad} = 20$

Step 4

Subtraction facts for number bonds to 20.

$20 - 15 = \underline{\quad\quad\quad}$

$20 - 4 = \underline{\quad\quad\quad}$

$20 - 9 = \underline{\quad\quad\quad}$

$20 - 13 = \underline{\quad\quad\quad}$

$20 - 12 = \underline{\quad\quad\quad}$

$20 - 10 = \underline{\quad\quad\quad}$

$20 - 1 = \underline{\quad\quad\quad}$

$20 - 5 = \underline{\quad\quad\quad}$

$20 - 6 = \underline{\quad\quad\quad}$

$20 - 8 = \underline{\quad\quad\quad}$

Step 5

Recalling addition and subtraction number bonds to 10.

$9 + \underline{\quad\quad\quad} = 10$

$10 - \underline{\quad\quad\quad} = 6$

$10 + \underline{\quad\quad\quad} = 10$

$10 - \underline{\quad\quad\quad} = 9$

$8 + \underline{\quad\quad\quad} = 10$

$10 - \underline{\quad\quad\quad} = 8$

$7 + \underline{\quad\quad\quad} = 10$

$4 + \underline{\quad\quad\quad} = 10$

$10 - \underline{\quad\quad\quad} = 1$

$10 - \underline{\quad\quad\quad} = 5$

Step 6

Recalling addition and subtraction number bonds to 20.

$20 - \underline{\quad\quad\quad} = 15$

$8 + \underline{\quad\quad\quad} = 20$

$20 - \underline{\quad\quad\quad} = 4$

$0 + \underline{\quad\quad\quad} = 20$

$20 - \underline{\quad\quad\quad} = 9$

$7 + \underline{\quad\quad\quad} = 20$

$20 - \underline{\quad\quad\quad} = 13$

$20 - \underline{\quad\quad\quad} = 12$

$9 + \underline{\quad\quad\quad} = 20$

$20 - \underline{\quad\quad\quad} = 8$

Step 7

To add 10 to any number.

$55 + 10 = \underline{\hspace{2cm}}$

$21 + 10 = \underline{\hspace{2cm}}$

$69 + 10 = \underline{\hspace{2cm}}$

$31 + 10 = \underline{\hspace{2cm}}$

$75 + 10 = \underline{\hspace{2cm}}$

$80 + 10 = \underline{\hspace{2cm}}$

$27 + 10 = \underline{\hspace{2cm}}$

$56 + 10 = \underline{\hspace{2cm}}$

$14 + 10 = \underline{\hspace{2cm}}$

$25 + 10 = \underline{\hspace{2cm}}$

Step 8

To take 10 from any number.

$84 - 10 = \underline{\hspace{2cm}}$

$30 - 10 = \underline{\hspace{2cm}}$

$77 - 10 = \underline{\hspace{2cm}}$

$55 - 10 = \underline{\hspace{2cm}}$

$23 - 10 = \underline{\hspace{2cm}}$

$30 - 10 = \underline{\hspace{2cm}}$

$38 - 10 = \underline{\hspace{2cm}}$

$46 - 10 = \underline{\hspace{2cm}}$

$18 - 10 = \underline{\hspace{2cm}}$

$96 - 10 = \underline{\hspace{2cm}}$

Step 9

Addition within 10.

$5 + 5 = \underline{\hspace{2cm}}$

$7 + 2 = \underline{\hspace{2cm}}$

$3 + 5 = \underline{\hspace{2cm}}$

$9 + 1 = \underline{\hspace{2cm}}$

$4 + 3 = \underline{\hspace{2cm}}$

$2 + 8 = \underline{\hspace{2cm}}$

$6 + 2 = \underline{\hspace{2cm}}$

$5 + 4 = \underline{\hspace{2cm}}$

$2 + 2 = \underline{\hspace{2cm}}$

$4 + 2 = \underline{\hspace{2cm}}$

Step 10

Subtraction within 10.

$5 - 5 = \underline{\hspace{2cm}}$

$7 - 2 = \underline{\hspace{2cm}}$

$5 - 3 = \underline{\hspace{2cm}}$

$9 - 1 = \underline{\hspace{2cm}}$

$4 - 3 = \underline{\hspace{2cm}}$

$8 - 2 = \underline{\hspace{2cm}}$

$6 - 3 = \underline{\hspace{2cm}}$

$5 - 1 = \underline{\hspace{2cm}}$

$2 - 2 = \underline{\hspace{2cm}}$

$10 - 3 = \underline{\hspace{2cm}}$

Step 11

Addition and subtraction below 10.

$5 + 5 = \underline{\hspace{2cm}}$

$7 - 2 = \underline{\hspace{2cm}}$

$5 + 3 = \underline{\hspace{2cm}}$

$9 - 1 = \underline{\hspace{2cm}}$

$4 + 3 = \underline{\hspace{2cm}}$

$8 - 2 = \underline{\hspace{2cm}}$

$6 + 3 = \underline{\hspace{2cm}}$

$5 - 1 = \underline{\hspace{2cm}}$

$2 + 2 = \underline{\hspace{2cm}}$

$10 - 3 = \underline{\hspace{2cm}}$

Step 12

To find missing numbers to 10.

$5 + \underline{\hspace{1cm}} = 8$

$6 + \underline{\hspace{1cm}} = 9$

$3 + \underline{\hspace{1cm}} = 7$

$5 + \underline{\hspace{1cm}} = 9$

$4 + \underline{\hspace{1cm}} = 8$

$7 + \underline{\hspace{1cm}} = 10$

$8 + \underline{\hspace{1cm}} = 9$

$1 + \underline{\hspace{1cm}} = 8$

$5 + \underline{\hspace{1cm}} = 10$

$2 + \underline{\hspace{1cm}} = 7$

Step 13

Doubles to 10.

Double 4 = $\underline{\hspace{2cm}}$

Double 3 = $\underline{\hspace{2cm}}$

Double 1 = $\underline{\hspace{2cm}}$

Double 5 = $\underline{\hspace{2cm}}$

Double 7 = $\underline{\hspace{2cm}}$

Double 8 = $\underline{\hspace{2cm}}$

Double 6 = $\underline{\hspace{2cm}}$

Double 10 = $\underline{\hspace{2cm}}$

Double 9 = $\underline{\hspace{2cm}}$

Double 2 = $\underline{\hspace{2cm}}$

Step 14

Doubles to 20.

Double 14 = $\underline{\hspace{2cm}}$

Double 11 = $\underline{\hspace{2cm}}$

Double 8 = $\underline{\hspace{2cm}}$

Double 12 = $\underline{\hspace{2cm}}$

Double 9 = $\underline{\hspace{2cm}}$

Double 6 = $\underline{\hspace{2cm}}$

Double 7 = $\underline{\hspace{2cm}}$

Double 20 = $\underline{\hspace{2cm}}$

Double 13 = $\underline{\hspace{2cm}}$

Double 15 = $\underline{\hspace{2cm}}$

Step 15

Halving to 20.

$Half\ of\ 4 = \underline{\hspace{2cm}}$

$Half\ of\ 6 = \underline{\hspace{2cm}}$

$Half\ of\ 8 = \underline{\hspace{2cm}}$

$Half\ of\ 10 = \underline{\hspace{2cm}}$

$Half\ of\ 2 = \underline{\hspace{2cm}}$

$Half\ of\ 12 = \underline{\hspace{2cm}}$

$Half\ of\ 14 = \underline{\hspace{2cm}}$

$Half\ of\ 16 = \underline{\hspace{2cm}}$

$Half\ of\ 18 = \underline{\hspace{2cm}}$

$Half\ of\ 2 = \underline{\hspace{2cm}}$

$Half\ of\ 16 = \underline{\hspace{2cm}}$

Step 16

Halving to 30

$Half\ of\ 22 = \underline{\hspace{2cm}}$

$Half\ of\ 12 = \underline{\hspace{2cm}}$

$Half\ of\ 28 = \underline{\hspace{2cm}}$

$Half\ of\ 10 = \underline{\hspace{2cm}}$

$Half\ of\ 26 = \underline{\hspace{2cm}}$

$Half\ of\ 8 = \underline{\hspace{2cm}}$

$Half\ of\ 6 = \underline{\hspace{2cm}}$

$Half\ of\ 30 = \underline{\hspace{2cm}}$

$Half\ of\ 24 = \underline{\hspace{2cm}}$

$Half\ of\ 14 = \underline{\hspace{2cm}}$

Step 17: Final Step

This involves completing questions from all the previous steps to consolidate the children's understanding of all the concepts.

$10 + \underline{\hspace{2cm}} = 10$

$10 - 8 = \underline{\hspace{2cm}}$

$10 - 2 = \underline{\hspace{2cm}}$

$5 + \underline{\hspace{2cm}} = 20$

$12 + \underline{\hspace{2cm}} = 20$

$20 - 13 = \underline{\hspace{2cm}}$

$20 - 5 = \underline{\hspace{2cm}}$

$Double\ 2 = \underline{\hspace{2cm}}$

$Double\ 14 = \underline{\hspace{2cm}}$

$Half\ of\ 12 = \underline{\hspace{2cm}}$

Year 1 Number Challenge Result Sheet

Here is an example of the result sheet which is kept in the back of the Reading Record.

When a level is passed, the Step will be ticked and you can start practicing the new step.

Year 1 Number Challenge			
Step	Child has completed the step and is ready to move on to the next step.	Step	Child has completed the step and is ready to move on to the next step.
1		10	
2		11	
3		12	
4		13	
5		14	
6		15	
7		16	
8		17	
9			