

Number Bonds to 5

Addition Year 1

$$1 + 4 = 5$$

$$2 + 3 = 5$$

$$3 + 2 = 5$$

$$4 + 1 = 5$$

$$5 + 0 = 5$$

Number Bonds to 5

Subtraction Year 1

$$5 - 4 = 1$$

$$5 - 3 = 2$$

$$5 - 2 = 3$$

$$5 - 1 = 4$$

$$5 - 0 = 5$$

Number Bonds to 10

Addition Year 1

$$1 + 9 = 10$$

$$2 + 8 = 10$$

$$3 + 7 = 10$$

$$4 + 6 = 10$$

$$5 + 5 = 10$$

$$6 + 4 = 10$$

$$7 + 3 = 10$$

$$8 + 2 = 10$$

$$9 + 1 = 10$$

$$10 + 0 = 10$$

Number Bonds to 10

Subtraction Year 1

$$10 - 9 = 1$$

$$10 - 8 = 2$$

$$10 - 7 = 3$$

$$10 - 6 = 4$$

$$10 - 5 = 5$$

$$10 - 4 = 6$$

$$10 - 3 = 7$$

$$10 - 2 = 8$$

$$10 - 1 = 9$$

$$10 - 0 = 10$$

Top Tips:

1. Encourage your child to say the number bond out loud as they make it
2. Ask younger children to count the dots as they make the number bond
3. Practise makes perfect - your child will love you to say sums for them to make on their Bears
4. Only go to subtraction when they understand addition at each level
5. Ask your child to find the answer in sums initially. As their confidence grows, you can ask them to find different elements of the sum eg $? + 5 = 10$ (What plus five equals 10) or $10 - ? = 4$
6. You can tick off the sums or sections as they as grasped - then practise often so that the answers become second nature

Doubles

$$\begin{array}{r} 1 + 1 = 2 \\ 2 + 2 = 4 \\ 3 + 3 = 6 \\ 4 + 4 = 8 \\ 5 + 5 = 10 \\ 6 + 6 = 12 \\ 7 + 7 = 14 \\ 8 + 8 = 16 \\ 9 + 9 = 18 \\ 10 + 10 = 20 \end{array}$$

$$\begin{array}{r} 2 - 1 = 1 \\ 4 - 2 = 2 \\ 6 - 3 = 3 \\ 8 - 4 = 4 \\ 10 - 5 = 5 \\ 12 - 6 = 6 \\ 14 - 7 = 7 \\ 16 - 8 = 8 \\ 18 - 9 = 9 \\ 20 - 10 = 10 \end{array}$$

Near Doubles

$$\begin{array}{r} 0 + 1 = 1 \\ 1 + 2 = 3 \\ 2 + 3 = 5 \\ 3 + 4 = 7 \\ 4 + 5 = 9 \\ 5 + 6 = 11 \\ 6 + 7 = 13 \\ 7 + 8 = 15 \\ 8 + 9 = 17 \\ 9 + 10 = 19 \end{array}$$

$$\begin{array}{r} 1 - 0 = 1 \\ 3 - 2 = 1 \\ 4 - 3 = 1 \\ 5 - 4 = 1 \\ 6 - 5 = 1 \\ 7 - 6 = 1 \\ 8 - 7 = 1 \\ 9 - 8 = 1 \\ 10 - 9 = 1 \end{array}$$

Number Bonds to 20

Addition Year 1 / 2

1	+	19	=	20
2	+	18	=	20
3	+	17	=	20
4	+	16	=	20
5	+	15	=	20
6	+	14	=	20
7	+	13	=	20
8	+	12	=	20
9	+	11	=	20
10	+	10	=	20
11	+	9	=	20
12	+	8	=	20
13	+	7	=	20
14	+	6	=	20
15	+	5	=	20
16	+	4	=	20
17	+	3	=	20
18	+	2	=	20
19	+	1	=	20
20	+	0	=	20

Number Bonds to 20

Subtraction Year 1 / 2

20	-	20	=	0
20	-	19	=	1
20	-	18	=	2
20	-	17	=	3
20	-	16	=	4
20	-	15	=	5
20	-	14	=	6
20	-	13	=	7
20	-	12	=	8
20	-	11	=	9
20	-	10	=	10
20	-	9	=	11
20	-	8	=	12
20	-	7	=	13
20	-	6	=	14
20	-	5	=	15
20	-	4	=	16
20	-	3	=	17
20	-	2	=	18
20	-	1	=	19
20	-	0	=	20