



Round Hill Primary School

Key Instant Recall Facts



Year 3- Autumn 1

KIRF: Know all addition and subtraction facts for all numbers between 0 and 20

This is building on the skill of knowing the number bonds to 20. Children should now become familiar with and practise all the different combinations of adding and subtracting numbers to a total of 20 (for example, $2 + 16 = 18$, $17 - 5 = 12$, $5 + 3 = 8$, $6 + 7 = 13$, $20 - 9 = 11$, etc.)

+	0	1	2	3	4	5	6	7	8	9	10
0	0+0	0+1	0+2	0+3	0+4	0+5	0+6	0+7	0+8	0+9	0+10
1	1+0	1+1	1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9	1+10
2	2+0	2+1	2+2	2+3	2+4	2+5	2+6	2+7	2+8	2+9	2+10
3	3+0	3+1	3+2	3+3	3+4	3+5	3+6	3+7	3+8	3+9	3+10
4	4+0	4+1	4+2	4+3	4+4	4+5	4+6	4+7	4+8	4+9	4+10
5	5+0	5+1	5+2	5+3	5+4	5+5	5+6	5+7	5+8	5+9	5+10
6	6+0	6+1	6+2	6+3	6+4	6+5	6+6	6+7	6+8	6+9	6+10
7	7+0	7+1	7+2	7+3	7+4	7+5	7+6	7+7	7+8	7+9	7+10
8	8+0	8+1	8+2	8+3	8+4	8+5	8+6	8+7	8+8	8+9	8+10
9	9+0	9+1	9+2	9+3	9+4	9+5	9+6	9+7	9+8	9+9	9+10
10	10+0	10+1	10+2	10+3	10+4	10+5	10+6	10+7	10+8	10+9	10+10

Ideas:

- Play games involving 2 dice and ask your child to add the total for each player.
- Use cards with numbers and symbols to create fact families (e.g., $3 + 5 = 8$, $5 + 3 = 8$, $8 - 3 = 5$, $8 - 5 = 3$). Children can match the cards to form correct equations.
- Integrate math into daily life. When baking, have children help measure ingredients using addition. When shopping, have them calculate the total cost of items or how much change they should receive.
- Look at the patterns with both objects and numbers e.g. as one number increases the other one decreases.
- Practise with the numbers in order and chosen randomly - remember the aim is for the child to be able to respond immediately.

