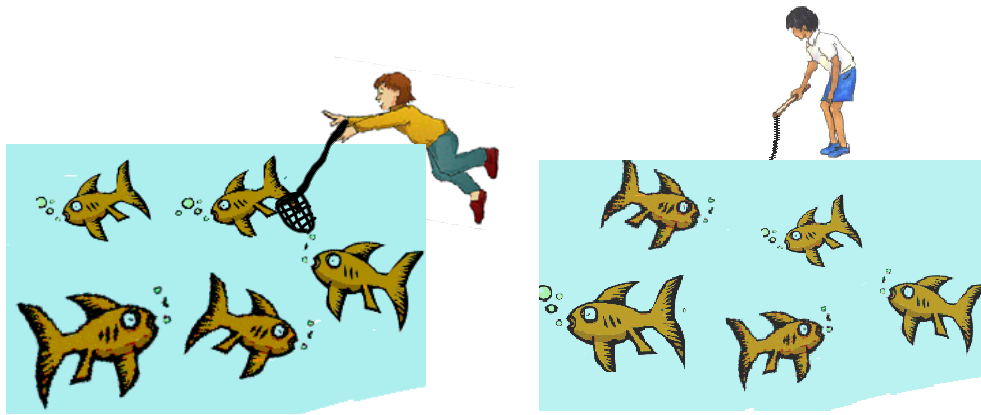


## Fun with Fishing

There are 5 fish in the first pond and 5 fish in the second pond.

Holly is fishing in the first pond and Nick is fishing in the second pond.



How many fish could Holly catch?

How many fish could Nick catch?

How many fish could they catch between them?

### Learning and Teaching Objectives

- Have a system for finding all possibilities
- Organise the recording of possibilities (pictures, ordered list, table)
- Relate addition to combining two groups of objects
- Begin to know addition facts for pairs of numbers to 10

## Fun with Fishing Solution

Holly	Nick	Total
0	0	0
1	0	1
2	0	2
3	0	3
4	0	4
5	0	5
0	1	1
1	1	2
2	1	3
3	1	4
4	1	5
5	1	6
0	2	2
1	2	3
2	2	4
3	2	5
4	2	6
5	2	7
0	3	3
1	3	4
2	3	5
3	3	6
4	3	7
5	3	8
0	4	4
1	4	5
2	4	6
3	4	7
4	4	8
5	4	9
0	5	5
1	5	6
2	5	7
3	5	8
4	5	9
5	5	10

To simplify problem give the total of fish caught - how many different ways are there of catching the given total?