

Rows and columns

• Write the total for each **row** and each **column**.

12	3	6	1	22
5	4	7	11	○
13	5	2	7	○
4	14	1	8	○
○	○	○	○	

Look for pairs that make 9.



5	4	1	17	○
17	5	7	2	○
6	16	2	7	○
3	3	6	15	○
○	○	○	○	

14	5	6	19	○
7	8	7	4	○
4	3	5	8	○
9	15	2	3	○
○	○	○	○	

Look for pairs that make 11.



3	8	11	6	○
8	4	7	19	○
1	7	6	5	○
12	9	5	2	○
○	○	○	○	



• Write the missing numbers.



3	6	15		31
	12		6	29
4		7		21
18			4	30
○	29	34	19	

Start with the top row.



Teachers' note Introduce the activity by revising strategies for quick ways of adding sets of numbers, such as looking for pairs which make 10. Discuss how pairs which make 9 and 11 can be treated in a similar way to a pair to 10 by making an adjustment of adding or subtracting 1. As a further extension, the children could try making up their own puzzles for a partner to solve.

Developing Numeracy Calculations Year 3
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