

Algebra arrays

- a) Fill in the squares in the box below so that
- the numbers across each row sum to the total at the end of the row, **and**
 - the numbers down each column also sum to the total at the bottom of the column.

Only the numbers 1 to 7 can be used. A number can be used more than once.

2			12
	3		9
		4	17
9	14	15	

Total

- b) Fill in the squares in the box below so that
- each row adds to $3x + 3y$, **and**
 - each column also adds to $3x + 3y$.

Total

$x + y$		$2y$	$3x + 3y$
		$2x$	$3x + 3y$
	$2y$		$3x + 3y$
$3x + 3y$	$3x + 3y$	$3x + 3y$	

Total