

# 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.

<b>2</b>			<b>12</b>
	<b>3</b>		<b>9</b>
		<b>4</b>	<b>17</b>
<b>9</b>	<b>14</b>	<b>15</b>	

**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**