

August 17<sup>th</sup>

22	1	
	x	
	25	4

If the centre square is  $x$ , then the total for each row etc is  $26+x$ .

22	1	$x+3$
	$x$	19
	25	4

Then top right is  $x+3$ , meaning middle right must be 19

22	1	$x+3$
7	$x$	19
$x-3$	25	4

We can now complete the grid, and use the diagonal to solve the equation

$$3x = 26 + x$$

$$\text{hence } x = 13$$

22	1	16
7	13	19
10	25	4

