

Introducing Magic Squares

Fill in the blanks to make these squares into magic squares.

<p>1</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">17</td> <td style="width: 33%;"></td> <td style="width: 33%; text-align: center;">13</td> </tr> <tr> <td></td> <td style="text-align: center;">11</td> <td style="text-align: center;">15</td> </tr> <tr> <td style="text-align: center;">9</td> <td style="text-align: center;">19</td> <td></td> </tr> </table> <p style="text-align: center;"> _____ _____ _____ _____ </p>	17		13		11	15	9	19		<p>2</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">12</td> <td style="width: 33%; text-align: center;">27</td> <td style="width: 33%;"></td> </tr> <tr> <td></td> <td style="text-align: center;">15</td> <td style="text-align: center;">21</td> </tr> <tr> <td style="text-align: center;">24</td> <td></td> <td style="text-align: center;">18</td> </tr> </table> <p style="text-align: center;"> _____ _____ _____ _____ </p>	12	27			15	21	24		18
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	19	17																	

5 Jane says that, in a magic square, the sum of the top-left and bottom-right numbers are equal to the sum of the top-right and bottom-left numbers. Do you agree? Explain.
