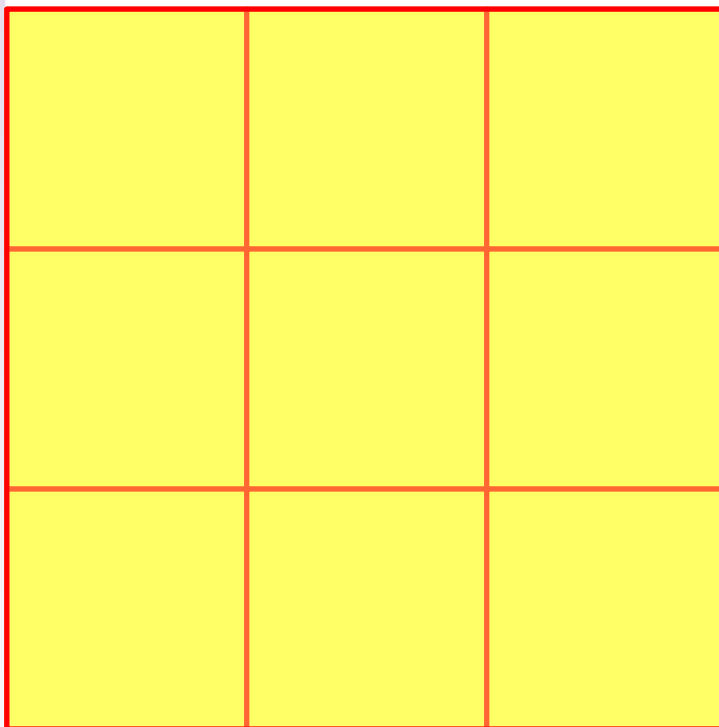


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## Our Collection



**0 1 2 3 4 5 6 7 8**

## Magic Proportions

*by Aram Hakobyan*

This pretty nice puzzle is a generous gift for Puzzles.COM from Aram Hakobyan.

The object is to fill out a square 3x3 with the nine numbers from 0 through 8 (using each of them exactly once) in such a way that the numbers in the first, second and third rows will add up to three numbers in proportion 1:2:3. And simultaneously with this the same proportion has to be achieved for the first, second and third columns.

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<b>1</b>	<b>0</b>	<b>5</b>	⇒ 6
<b>2</b>	<b>4</b>	<b>6</b>	⇒ 12
<b>3</b>	<b>8</b>	<b>7</b>	⇒ 18

⇓	⇓	⇓
<b>6</b>	<b>12</b>	<b>18</b>

### Magic Proportions (solution)

One of the possible solutions to this puzzle is shown above.

As you may see the numbers in the first, second and third rows add up to three numbers - 6, 12 and 18 - what makes the proportion 1:2:3. Same is true for the first, second and third columns.