

# Cuadros Mágicos y Percepción Visual.

ELABORADO POR: REINA JULIETA SURUY



## ACTIVIDAD # 4.

1. Completa los cuadros mágicos (forma 1). Recuerdate que se te da el total, suma la fila, diagonal o columna que tenga dos cantidades y lo que te da réstalo a lo que debería ser la suma.

|                                                                                                                                                             |     |    |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|--|--|----|--|----|--|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|---|----|--|--|-----|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|----|----|--|----|
| <b>A. Suma 60.</b><br><table><tr><td>16</td><td>36</td><td></td></tr><tr><td></td><td>20</td><td></td></tr><tr><td></td><td></td><td>24</td></tr></table>   | 16  | 36 |  |  | 20 |  |    |  | 24 | <b>B. Suma 45.</b><br><table><tr><td>12</td><td>27</td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>18</td></tr></table>  | 12 | 27 |    |   |    |  |  | 3   | 18 | <b>C. Suma 36.</b><br><table><tr><td>18</td><td></td><td>14</td></tr><tr><td></td><td>12</td><td>16</td></tr><tr><td>10</td><td></td><td></td></tr></table> | 18 |    | 14 |    | 12 | 16 | 10 |  |    |
| 16                                                                                                                                                          | 36  |    |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
|                                                                                                                                                             | 20  |    |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
|                                                                                                                                                             |     | 24 |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
| 12                                                                                                                                                          | 27  |    |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
|                                                                                                                                                             |     |    |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
|                                                                                                                                                             | 3   | 18 |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
| 18                                                                                                                                                          |     | 14 |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
|                                                                                                                                                             | 12  | 16 |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
| 10                                                                                                                                                          |     |    |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
| <b>D. Suma 54.</b><br><table><tr><td>12</td><td>26</td><td></td></tr><tr><td></td><td>18</td><td></td></tr><tr><td>20</td><td></td><td>24</td></tr></table> | 12  | 26 |  |  | 18 |  | 20 |  | 24 | <b>E. Suma 30.</b><br><table><tr><td></td><td></td><td>-5</td></tr><tr><td>0</td><td>10</td><td></td></tr><tr><td></td><td>-10</td><td></td></tr></table> |    |    | -5 | 0 | 10 |  |  | -10 |    | <b>F. Suma 0.</b><br><table><tr><td></td><td>-8</td><td></td></tr><tr><td>-4</td><td></td><td></td></tr><tr><td>-2</td><td></td><td>-6</td></tr></table>    |    | -8 |    | -4 |    |    | -2 |  | -6 |
| 12                                                                                                                                                          | 26  |    |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
|                                                                                                                                                             | 18  |    |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
| 20                                                                                                                                                          |     | 24 |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
|                                                                                                                                                             |     | -5 |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
| 0                                                                                                                                                           | 10  |    |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
|                                                                                                                                                             | -10 |    |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
|                                                                                                                                                             | -8  |    |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
| -4                                                                                                                                                          |     |    |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |
| -2                                                                                                                                                          |     | -6 |  |  |    |  |    |  |    |                                                                                                                                                           |    |    |    |   |    |  |  |     |    |                                                                                                                                                             |    |    |    |    |    |    |    |  |    |

2. Completa los cuadros utilizando la fila dada. (Forma 2) Recuerdate que se te da una fila, diagonal o columna con tres cantidades, súmalo para obtener la constante mágica, y luego sabiendo la suma puedes encontrar el valor que hace falta igual que la forma 1

|                                                                                                                                        |     |     |    |    |    |  |    |    |  |                                                                                                                                       |    |   |  |  |    |   |    |     |    |
|----------------------------------------------------------------------------------------------------------------------------------------|-----|-----|----|----|----|--|----|----|--|---------------------------------------------------------------------------------------------------------------------------------------|----|---|--|--|----|---|----|-----|----|
| <table><tr><td>30</td><td></td><td>10</td></tr><tr><td>20</td><td>40</td><td></td></tr><tr><td>70</td><td></td><td></td></tr></table>  | 30  |     | 10 | 20 | 40 |  | 70 |    |  | <table><tr><td>20</td><td>0</td><td></td></tr><tr><td></td><td>16</td><td></td></tr><tr><td>4</td><td></td><td>12</td></tr></table>   | 20 | 0 |  |  | 16 |   | 4  |     | 12 |
| 30                                                                                                                                     |     | 10  |    |    |    |  |    |    |  |                                                                                                                                       |    |   |  |  |    |   |    |     |    |
| 20                                                                                                                                     | 40  |     |    |    |    |  |    |    |  |                                                                                                                                       |    |   |  |  |    |   |    |     |    |
| 70                                                                                                                                     |     |     |    |    |    |  |    |    |  |                                                                                                                                       |    |   |  |  |    |   |    |     |    |
| 20                                                                                                                                     | 0   |     |    |    |    |  |    |    |  |                                                                                                                                       |    |   |  |  |    |   |    |     |    |
|                                                                                                                                        | 16  |     |    |    |    |  |    |    |  |                                                                                                                                       |    |   |  |  |    |   |    |     |    |
| 4                                                                                                                                      |     | 12  |    |    |    |  |    |    |  |                                                                                                                                       |    |   |  |  |    |   |    |     |    |
| <table><tr><td>21</td><td>-14</td><td></td></tr><tr><td></td><td>14</td><td></td></tr><tr><td>-7</td><td>42</td><td></td></tr></table> | 21  | -14 |    |    | 14 |  | -7 | 42 |  | <table><tr><td>-6</td><td></td><td></td></tr><tr><td></td><td></td><td>0</td></tr><tr><td>18</td><td>-12</td><td>30</td></tr></table> | -6 |   |  |  |    | 0 | 18 | -12 | 30 |
| 21                                                                                                                                     | -14 |     |    |    |    |  |    |    |  |                                                                                                                                       |    |   |  |  |    |   |    |     |    |
|                                                                                                                                        | 14  |     |    |    |    |  |    |    |  |                                                                                                                                       |    |   |  |  |    |   |    |     |    |
| -7                                                                                                                                     | 42  |     |    |    |    |  |    |    |  |                                                                                                                                       |    |   |  |  |    |   |    |     |    |
| -6                                                                                                                                     |     |     |    |    |    |  |    |    |  |                                                                                                                                       |    |   |  |  |    |   |    |     |    |
|                                                                                                                                        |     | 0   |    |    |    |  |    |    |  |                                                                                                                                       |    |   |  |  |    |   |    |     |    |
| 18                                                                                                                                     | -12 | 30  |    |    |    |  |    |    |  |                                                                                                                                       |    |   |  |  |    |   |    |     |    |

3. Presiona la figura correcta del corredor que llega al final de la meta.

