

### Puzzle 1

Find digits that make each equation true.  
You may only use each digit (0-9) once.

$$\boxed{1} \boxed{7} \boxed{8} \boxed{\phantom{0}} + \boxed{6} \boxed{2} \boxed{1} \boxed{\phantom{0}} = 8,000$$

$$\boxed{\phantom{0}} \boxed{7} \boxed{3} \boxed{1} + \boxed{3} \boxed{7} \boxed{1} \boxed{\phantom{0}} = 8,446$$

$$\boxed{\phantom{0}} \boxed{2} \boxed{1} \boxed{\phantom{0}} - 1,541 = 1,676$$

$$\boxed{2} \boxed{0} \boxed{0} \boxed{\phantom{0}} + \boxed{\phantom{0}} \boxed{7} \boxed{3} \boxed{5} = 4,735$$

$$\boxed{\phantom{0}} \boxed{0} \boxed{0} \boxed{0} - 1,789 = \boxed{\phantom{0}} \boxed{2} \boxed{1} \boxed{1}$$

## Puzzle 2

Fill in digits to make each equation true.  
You may only use each digit (0-9) once.

$$\boxed{3} \boxed{7} \boxed{9} \boxed{\phantom{0}} + 1,207 = \boxed{\phantom{0}} \boxed{0} \boxed{0} \boxed{0}$$

$$\boxed{2} \boxed{\phantom{0}} \boxed{1} \boxed{2} + \boxed{4} \boxed{\phantom{0}} \boxed{3} \boxed{0} = 6,842$$

$$\boxed{1} \boxed{0} \boxed{\phantom{0}} \boxed{1} + \boxed{\phantom{0}} \boxed{0} \boxed{0} \boxed{7} = 8,008$$

$$\boxed{\phantom{0}} \boxed{2} \boxed{0} \boxed{1} - \boxed{5} \boxed{2} \boxed{0} \boxed{\phantom{0}} = 3,000$$

$$\boxed{\phantom{0}} \boxed{\phantom{0}} \boxed{3} \boxed{2} - 1,332 = 3,600$$

**Puzzle 3**

Fill in digits to make each equation true.  
You may only use each digit (0-9) once.

$$5,000 - \boxed{\phantom{0}}\boxed{\phantom{0}}\boxed{2}\boxed{1}\boxed{\phantom{0}} = 1,783$$

$$\boxed{\phantom{0}}\boxed{2}\boxed{5}\boxed{\phantom{0}} + 3,241 = 4,500$$

$$\boxed{4}\boxed{\phantom{0}}\boxed{1}\boxed{0} - \boxed{1}\boxed{4}\boxed{\phantom{0}}\boxed{1} = 3,349$$

$$\boxed{2}\boxed{3}\boxed{2}\boxed{\phantom{0}} + \boxed{\phantom{0}}\boxed{6}\boxed{7}\boxed{5} = 7,000$$

$$\boxed{3}\boxed{\phantom{0}}\boxed{0}\boxed{0} + \boxed{4}\boxed{5}\boxed{0}\boxed{\phantom{0}} = 7,700$$

**Puzzle 4**

Fill in digits to make each equation true.  
You may only use each digit (0-9) once.

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| <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">0</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; display: inline-block; padding: 0 5px; margin-bottom: 5px;">+</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">0</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">0</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">0</div> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; display: inline-block; padding: 0 5px; margin-bottom: 5px;">=</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">5,005</div> | <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">8</div> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; display: inline-block; padding: 0 5px; margin-bottom: 5px;">−</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">7</div> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">0</div> <div style="border: 1px solid black; display: inline-block; padding: 0 5px; margin-bottom: 5px;">=</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">1,111</div> |
| <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">5</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; display: inline-block; padding: 0 5px; margin-bottom: 5px;">+</div> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">6</div> <div style="border: 1px solid black; display: inline-block; padding: 0 5px; margin-bottom: 5px;">=</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">5,778</div>                                                                                                                     | <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">0</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; display: inline-block; padding: 0 5px; margin-bottom: 5px;">−</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">0</div> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; display: inline-block; padding: 0 5px; margin-bottom: 5px;">=</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">1,000</div>         |
| <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">0</div> <div style="border: 1px solid black; display: inline-block; padding: 0 5px; margin-bottom: 5px;">+</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">7,200</div> <div style="border: 1px solid black; display: inline-block; padding: 0 5px; margin-bottom: 5px;">=</div> <div style="border: 1px solid black; display: inline-block; width: 30px; height: 30px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">0</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px; margin-bottom: 5px;">0</div>                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |