

Puzzle 1

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

<div><div>1</div><div>7</div><div>8</div><div></div><div>+</div><div>6</div><div>2</div><div>1</div><div></div><div>=</div><div>8,000</div></div>
<div><div></div><div>7</div><div>3</div><div>1</div><div>+</div><div>3</div><div>7</div><div>1</div><div></div><div>=</div><div>8,446</div></div>
<div><div></div><div>2</div><div>1</div><div></div><div>-</div><div>1,541</div><div>=</div><div>1,676</div></div>
<div><div>2</div><div>0</div><div>0</div><div></div><div>+</div><div></div><div>7</div><div>3</div><div>5</div><div>=</div><div>4,735</div></div>
<div><div></div><div>0</div><div>0</div><div>0</div><div>-</div><div>1,789</div><div>=</div><div></div><div>2</div><div>1</div><div>1</div></div>

• **2**

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

$$\begin{array}{|c|} \hline 2 \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 1 \\ \hline \end{array} \begin{array}{|c|} \hline 2 \\ \hline \end{array} + \begin{array}{|c|} \hline 4 \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 3 \\ \hline \end{array} \begin{array}{|c|} \hline 0 \\ \hline \end{array} = 6,842$$

$$\begin{array}{|c|} \hline 1 \\ \hline \end{array} \begin{array}{|c|} \hline 0 \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 1 \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 0 \\ \hline \end{array} \begin{array}{|c|} \hline 0 \\ \hline \end{array} \begin{array}{|c|} \hline 7 \\ \hline \end{array} = 8,008$$

2
0
1
—
5
2
0

= 3,000

$$\begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 3 \\ \hline \end{array} \begin{array}{|c|} \hline 2 \\ \hline \end{array} - 1,332 = 3,600$$

Puzzle 3

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

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

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

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

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

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

Puzzle 4

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

<div>2</div> <div></div> <div></div> <div>0</div> <div>2</div> <div>+</div> <div>3</div> <div>0</div> <div>0</div> <div>0</div> <div></div> <div>=</div> <div>5,005</div>
<div>8</div> <div></div> <div></div> <div>3</div> <div>1</div> <div>−</div> <div>7</div> <div></div> <div></div> <div>2</div> <div>0</div> <div>=</div> <div>1,111</div>
<div></div> <div>3</div> <div>5</div> <div>2</div> <div>+</div> <div></div> <div>4</div> <div>2</div> <div>6</div> <div>=</div> <div>5,778</div>
<div></div> <div>3</div> <div>0</div> <div>2</div> <div>−</div> <div>4</div> <div>3</div> <div>0</div> <div></div> <div>=</div> <div>1,000</div>
<div>1</div> <div></div> <div></div> <div>1</div> <div>0</div> <div>+</div> <div>7,200</div> <div>=</div> <div></div> <div>0</div> <div>1</div> <div>0</div>