In the standard puzzle KenKen, the numbers in each heavily outlined set of squares, called cages, must combine (in any order) to produce the target number in the top corner of the cage using the mathematical operation indicated. A number can be repeated within a cage as long as it is not in the same row or column. In this $5 \times 5$ puzzle, the five numbers are 1 through 5. The operations are usually given as part of the clues. Here, they are not. Nevertheless, each clue is associated with one of the four standard arithmetic operations. Notice that not all cages have clues. This is not a standard feature. We call such cages ‘clueless’. The following are all big letter puzzles.

1 Big P puzzle

\[
\begin{array}{c|c|c|c|c}
32+ & & & & \\
\hline
& & & \text{3+} & \\
\hline
& & \text{1–} & \text{3–} & \\
\hline
4\times & 2 & & & \\
\hline
& & \text{2–} & & \\
\hline
& & 10\times & & \\
\end{array}
\]
2  Big E puzzle

\[
\begin{array}{cccc}
23040 & & & 12 \\
 & 9 & & \\
 & 9 & & 9 \\
 & & & \\
 & & & 1 \\
\end{array}
\]
### 3 Big L puzzle

<table>
<thead>
<tr>
<th></th>
<th>600×</th>
<th>2−</th>
<th>2−</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>30×</td>
<td>5</td>
<td>5+</td>
</tr>
</tbody>
</table>

```
 2−
```

```
8+  1−
```
4 Big O puzzle
5  Big S puzzle

\[
\begin{array}{cccc}
2 & 38 & \text{ } & 24 \\
6 & \text{ } & \text{ } & \text{ } \\
6 & 1 & \text{ } & 9 \\
4 & \text{ } & \text{ } & \text{ }
\end{array}
\]
6 Big C puzzle

<p>| | | | | | | | | |</p>
<table>
<thead>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3600</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td>8</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Explanation

- **3600**: This indicates that the product of the numbers in the highlighted cells is 3600.
- **11**: This indicates the sum of the numbers in the highlighted cells is 11.
- **2**: This indicates the sum of the numbers in the highlighted cells is 2.
- **12**: This indicates the sum of the numbers in the highlighted cells is 12.
- **4**: This indicates the sum of the numbers in the highlighted cells is 4.
- **8**: This indicates the sum of the numbers in the highlighted cells is 8.
- **3**: This indicates the sum of the numbers in the highlighted cells is 3.

The puzzle requires placing numbers from 1 to 9 in each cell so that the sums and products match the given clues.