



**Solve each problem.**

|     |     |      |     |     |     |     |     |     |     |
|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| 2   | 2   | 2    | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
| + 5 | + 6 | + 10 | + 2 | + 3 | + 7 | + 4 | + 9 | + 8 | + 1 |
| 7   | 8   | 12   | 4   | 5   | 9   | 6   | 11  | 10  | 3   |

|     |     |     |     |     |      |     |     |     |     |
|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|
| 2   | 2   | 2   | 2   | 2   | 2    | 2   | 2   | 2   | 2   |
| + 5 | + 2 | + 6 | + 9 | + 1 | + 10 | + 3 | + 7 | + 8 | + 4 |
| 7   | 4   | 8   | 11  | 3   | 12   | 5   | 9   | 10  | 6   |

|            |            |            |            |            |            |            |            |             |            |
|------------|------------|------------|------------|------------|------------|------------|------------|-------------|------------|
| 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2           | 2          |
| <u>+ 2</u> | <u>+ 6</u> | <u>+ 5</u> | <u>+ 7</u> | <u>+ 1</u> | <u>+ 9</u> | <u>+ 8</u> | <u>+ 4</u> | <u>+ 10</u> | <u>+ 3</u> |
| 4          | 8          | 7          | 9          | 3          | 11         | 10         | 6          | 12          | 5          |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 6   | + 10  | + 5   | + 9   | + 4   | + 3   | + 7   | + 2   | + 1   | + 8   |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| 8     | 12    | 7     | 11    | 6     | 5     | 9     | 4     | 3     | 10    |

|      |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2    | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
| + 10 | + 5 | + 6 | + 1 | + 2 | + 4 | + 3 | + 7 | + 9 | + 8 |
| 12   | 7   | 8   | 3   | 4   | 6   | 5   | 9   | 11  | 10  |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 6          | 3          | 8          | 2          | 9          | 5          | 4          | 10         | 1          | 7          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 8          | 5          | 10         | 4          | 11         | 7          | 6          | 12         | 3          | 9          |

|                                                   |                                                   |                                                   |                                                   |                                                   |                                                    |                                                   |                                                   |                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 7                                                 | 8                                                 | 5                                                 | 4                                                 | 2                                                 | 10                                                 | 6                                                 | 1                                                 | 3                                                 | 9                                                 |
| $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ |
| 9                                                 | 10                                                | 7                                                 | 6                                                 | 4                                                 | 12                                                 | 8                                                 | 3                                                 | 5                                                 | 11                                                |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 5          | 9          | 10         | 4          | 8          | 6          | 1          | 7          | 2          | 3          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 7          | 11         | 12         | 6          | 10         | 8          | 3          | 9          | 4          | 5          |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 7          | 2          | 10         | 5          | 9          | 3          | 8          | 1          | 6          | 4          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 9          | 4          | 12         | 7          | 11         | 5          | 10         | 3          | 8          | 6          |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 7          | 6          | 5          | 4          | 8          | 10         | 1          | 2          | 3          | 9          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 9          | 8          | 7          | 6          | 10         | 12         | 3          | 4          | 5          | 11         |



**Solve each problem.**

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 8   | + 2   | + 4   | + 3   | + 5   | + 9   | + 1   | + 6   | + 10  | + 7   |
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| 10    | 4     | 6     | 5     | 7     | 11    | 3     | 8     | 12    | 9     |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 4   | + 1   | + 9   | + 6   | + 10  | + 8   | + 5   | + 3   | + 2   | + 7   |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| 6     | 3     | 11    | 8     | 12    | 10    | 7     | 5     | 4     | 9     |

|     |     |     |     |     |     |      |     |     |     |
|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|
| 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2   | 2   | 2   |
| + 6 | + 4 | + 8 | + 1 | + 3 | + 9 | + 10 | + 5 | + 7 | + 2 |
| 8   | 6   | 10  | 3   | 5   | 11  | 12   | 7   | 9   | 4   |

|     |     |      |     |     |     |     |     |     |     |
|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| 2   | 2   | 2    | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
| + 6 | + 4 | + 10 | + 1 | + 2 | + 9 | + 8 | + 7 | + 3 | + 5 |
| 8   | 6   | 12   | 3   | 4   | 11  | 10  | 9   | 5   | 7   |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 8   | + 10  | + 4   | + 6   | + 9   | + 5   | + 1   | + 3   | + 2   | + 7   |
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| 10    | 12    | 6     | 8     | 11    | 7     | 3     | 5     | 4     | 9     |

|                                                    |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |
|----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 10                                                 | 5                                                 | 4                                                 | 3                                                 | 8                                                 | 2                                                 | 6                                                 | 9                                                 | 7                                                 | 1                                                 |
| $\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ |
| 12                                                 | 7                                                 | 6                                                 | 5                                                 | 10                                                | 4                                                 | 8                                                 | 11                                                | 9                                                 | 3                                                 |

|                                                   |                                                   |                                                   |                                                    |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 7                                                 | 8                                                 | 9                                                 | 10                                                 | 4                                                 | 3                                                 | 6                                                 | 2                                                 | 1                                                 | 5                                                 |
| $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ |
| 9                                                 | 10                                                | 11                                                | 12                                                 | 6                                                 | 5                                                 | 8                                                 | 4                                                 | 3                                                 | 7                                                 |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 3          | 1          | 9          | 6          | 4          | 8          | 5          | 2          | 7          | 10         |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 5          | 3          | 11         | 8          | 6          | 10         | 7          | 4          | 9          | 12         |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 7          | 4          | 9          | 1          | 8          | 2          | 5          | 3          | 6          | 10         |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 9          | 6          | 11         | 3          | 10         | 4          | 7          | 5          | 8          | 12         |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 9          | 7          | 5          | 8          | 3          | 1          | 10         | 2          | 4          | 6          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 11         | 9          | 7          | 10         | 5          | 3          | 12         | 4          | 6          | 8          |



**Solve each problem.**

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 3   | + 10  | + 9   | + 1   | + 6   | + 8   | + 5   | + 7   | + 4   | + 2   |
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| 5     | 12    | 11    | 3     | 8     | 10    | 7     | 9     | 6     | 4     |

|     |     |     |     |     |     |     |     |     |      |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    |
| + 3 | + 2 | + 9 | + 8 | + 6 | + 5 | + 1 | + 7 | + 4 | + 10 |
| 5   | 4   | 11  | 10  | 8   | 7   | 3   | 9   | 6   | 12   |

$$\begin{array}{r} 2 \\ + 8 \\ \hline 10 \end{array} \quad \begin{array}{r} 2 \\ + 9 \\ \hline 11 \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ + 10 \\ \hline 12 \end{array} \quad \begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

|     |     |     |      |     |     |     |     |     |     |
|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|
| 2   | 2   | 2   | 2    | 2   | 2   | 2   | 2   | 2   | 2   |
| + 3 | + 9 | + 2 | + 10 | + 5 | + 7 | + 8 | + 1 | + 4 | + 6 |
| 5   | 11  | 4   | 12   | 7   | 9   | 10  | 3   | 6   | 8   |

|       |     |      |     |     |     |     |     |     |     |
|-------|-----|------|-----|-----|-----|-----|-----|-----|-----|
| 2     | 2   | 2    | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
| + 2   | + 5 | + 10 | + 4 | + 3 | + 1 | + 9 | + 8 | + 6 | + 7 |
| <hr/> |     |      |     |     |     |     |     |     |     |
| 4     | 7   | 12   | 6   | 5   | 3   | 11  | 10  | 8   | 9   |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1     | 7     | 5     | 10    | 4     | 9     | 3     | 6     | 8     | 2     |
| + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   |
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| 3     | 9     | 7     | 12    | 6     | 11    | 5     | 8     | 10    | 4     |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4     | 2     | 3     | 8     | 1     | 5     | 10    | 7     | 9     | 6     |
| + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   |
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| 6     | 4     | 5     | 10    | 3     | 7     | 12    | 9     | 11    | 8     |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 7     | 5     | 10    | 9     | 8     | 2     | 1     | 4     | 3     | 6     |
| + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   |
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| 9     | 7     | 12    | 11    | 10    | 4     | 3     | 6     | 5     | 8     |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 5          | 10         | 9          | 2          | 6          | 7          | 8          | 3          | 4          | 1          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 7          | 12         | 11         | 4          | 8          | 9          | 10         | 5          | 6          | 3          |

|                                                    |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |
|----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 10                                                 | 9                                                 | 5                                                 | 4                                                 | 1                                                 | 8                                                 | 3                                                 | 7                                                 | 2                                                 | 6                                                 |
| $\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ |
| 12                                                 | 11                                                | 7                                                 | 6                                                 | 3                                                 | 10                                                | 5                                                 | 9                                                 | 4                                                 | 8                                                 |



**Solve each problem.**

|     |     |     |     |     |      |     |     |     |     |
|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|
| 2   | 2   | 2   | 2   | 2   | 2    | 2   | 2   | 2   | 2   |
| + 5 | + 2 | + 1 | + 9 | + 6 | + 10 | + 3 | + 7 | + 4 | + 8 |
| 7   | 4   | 3   | 11  | 8   | 12   | 5   | 9   | 6   | 10  |

|       |     |       |       |       |       |       |       |       |       |
|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2   | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 2   | + 3 | + 10  | + 8   | + 7   | + 1   | + 5   | + 9   | + 6   | + 4   |
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| 4     | 5   | 12    | 10    | 9     | 3     | 7     | 11    | 8     | 6     |

|     |     |     |      |     |     |     |     |     |     |
|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|
| 2   | 2   | 2   | 2    | 2   | 2   | 2   | 2   | 2   | 2   |
| + 3 | + 4 | + 7 | + 10 | + 6 | + 9 | + 8 | + 1 | + 5 | + 2 |
| 5   | 6   | 9   | 12   | 8   | 11  | 10  | 3   | 7   | 4   |

|     |     |     |     |     |     |     |     |      |     |
|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2   |
| + 7 | + 3 | + 1 | + 2 | + 5 | + 6 | + 8 | + 9 | + 10 | + 4 |
| 9   | 5   | 3   | 4   | 7   | 8   | 10  | 11  | 12   | 6   |

|     |     |     |     |     |     |     |     |      |     |
|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2   |
| + 6 | + 9 | + 1 | + 2 | + 3 | + 7 | + 5 | + 8 | + 10 | + 4 |
| 8   | 11  | 3   | 4   | 5   | 9   | 7   | 10  | 12   | 6   |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4     | 10    | 2     | 7     | 1     | 5     | 6     | 9     | 8     | 3     |
| + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   |
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| 6     | 12    | 4     | 9     | 3     | 7     | 8     | 11    | 10    | 5     |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 9   | 1   | 5   | 8   | 10  | 2   | 4   | 3   | 6   | 7   |
| + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 |
| 11  | 3   | 7   | 10  | 12  | 4   | 6   | 5   | 8   | 9   |

|                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                    |                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 1                                                 | 6                                                 | 8                                                 | 7                                                 | 5                                                 | 9                                                 | 3                                                 | 10                                                 | 2                                                 | 4                                                 |
| $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ |
| 3                                                 | 8                                                 | 10                                                | 9                                                 | 7                                                 | 11                                                | 5                                                 | 12                                                 | 4                                                 | 6                                                 |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 6          | 3          | 10         | 4          | 9          | 2          | 7          | 1          | 8          | 5          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 8          | 5          | 12         | 6          | 11         | 4          | 9          | 3          | 10         | 7          |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 3          | 1          | 2          | 10         | 8          | 5          | 7          | 6          | 4          | 9          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 5          | 3          | 4          | 12         | 10         | 7          | 9          | 8          | 6          | 11         |



**Solve each problem.**

|      |     |     |     |     |     |     |     |     |     |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2    | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
| + 10 | + 3 | + 1 | + 5 | + 4 | + 6 | + 2 | + 8 | + 9 | + 7 |
| 12   | 5   | 3   | 7   | 6   | 8   | 4   | 10  | 11  | 9   |

|     |     |     |      |     |     |     |     |     |     |
|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|
| 2   | 2   | 2   | 2    | 2   | 2   | 2   | 2   | 2   | 2   |
| + 9 | + 2 | + 1 | + 10 | + 4 | + 8 | + 6 | + 7 | + 5 | + 3 |
| 11  | 4   | 3   | 12   | 6   | 10  | 8   | 9   | 7   | 5   |

|     |     |     |     |     |     |     |     |      |     |
|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2   |
| + 5 | + 7 | + 4 | + 2 | + 8 | + 1 | + 6 | + 9 | + 10 | + 3 |
| 7   | 9   | 6   | 4   | 10  | 3   | 8   | 11  | 12   | 5   |

|     |     |     |     |     |     |     |     |     |      |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    |
| + 5 | + 9 | + 8 | + 7 | + 6 | + 1 | + 2 | + 4 | + 3 | + 10 |
| 7   | 11  | 10  | 9   | 8   | 3   | 4   | 6   | 5   | 12   |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 8   | + 2   | + 9   | + 1   | + 5   | + 7   | + 10  | + 6   | + 4   | + 3   |
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| 10    | 4     | 11    | 3     | 7     | 9     | 12    | 8     | 6     | 5     |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 7     | 3     | 8     | 5     | 10    | 1     | 4     | 2     | 6     | 9     |
| + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| 9     | 5     | 10    | 7     | 12    | 3     | 6     | 4     | 8     | 11    |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 7          | 4          | 10         | 3          | 2          | 9          | 5          | 6          | 8          | 1          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 9          | 6          | 12         | 5          | 4          | 11         | 7          | 8          | 10         | 3          |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 9          | 3          | 5          | 1          | 6          | 2          | 10         | 7          | 4          | 8          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 11         | 5          | 7          | 3          | 8          | 4          | 12         | 9          | 6          | 10         |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 7          | 10         | 8          | 4          | 1          | 9          | 3          | 2          | 6          | 5          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 9          | 12         | 10         | 6          | 3          | 11         | 5          | 4          | 8          | 7          |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 5          | 6          | 2          | 4          | 10         | 1          | 9          | 8          | 7          | 3          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 7          | 8          | 4          | 6          | 12         | 3          | 11         | 10         | 9          | 5          |



**Solve each problem.**

$$\begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array} \quad \begin{array}{r} 2 \\ + 9 \\ \hline 11 \end{array} \quad \begin{array}{r} 2 \\ + 8 \\ \hline 10 \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ + 10 \\ \hline 12 \end{array} \quad \begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ + 10 \\ \hline 12 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array} \quad \begin{array}{r} 2 \\ + 8 \\ \hline 10 \end{array} \quad \begin{array}{r} 2 \\ + 9 \\ \hline 11 \end{array} \quad \begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array}$$

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 9   | + 7   | + 4   | + 8   | + 5   | + 1   | + 6   | + 10  | + 2   | + 3   |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| 11    | 9     | 6     | 10    | 7     | 3     | 8     | 12    | 4     | 5     |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 9   | + 5   | + 2   | + 10  | + 6   | + 7   | + 4   | + 3   | + 1   | + 8   |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| 11    | 7     | 4     | 12    | 8     | 9     | 6     | 5     | 3     | 10    |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 6   | + 10  | + 3   | + 7   | + 5   | + 8   | + 2   | + 9   | + 4   | + 1   |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| 8     | 12    | 5     | 9     | 7     | 10    | 4     | 11    | 6     | 3     |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 8     | 3     | 1     | 4     | 10    | 9     | 7     | 6     | 5     | 2     |
| + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| 10    | 5     | 3     | 6     | 12    | 11    | 9     | 8     | 7     | 4     |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 6     | 5     | 2     | 8     | 3     | 9     | 7     | 1     | 4     | 10    |
| + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| 8     | 7     | 4     | 10    | 5     | 11    | 9     | 3     | 6     | 12    |

|                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                    |                                                   |                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 5                                                 | 7                                                 | 3                                                 | 8                                                 | 2                                                 | 4                                                 | 10                                                 | 6                                                 | 1                                                 | 9                                                 |
| $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ |
| 7                                                 | 9                                                 | 5                                                 | 10                                                | 4                                                 | 6                                                 | 12                                                 | 8                                                 | 3                                                 | 11                                                |

|                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                    |                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 4                                                 | 1                                                 | 6                                                 | 2                                                 | 3                                                 | 8                                                 | 5                                                 | 10                                                 | 9                                                 | 7                                                 |
| $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ |
| 6                                                 | 3                                                 | 8                                                 | 4                                                 | 5                                                 | 10                                                | 7                                                 | 12                                                 | 11                                                | 9                                                 |

|                                                   |                                                   |                                                   |                                                   |                                                    |                                                   |                                                   |                                                   |                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 6                                                 | 8                                                 | 7                                                 | 4                                                 | 10                                                 | 2                                                 | 5                                                 | 3                                                 | 1                                                 | 9                                                 |
| $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ |
| 8                                                 | 10                                                | 9                                                 | 6                                                 | 12                                                 | 4                                                 | 7                                                 | 5                                                 | 3                                                 | 11                                                |



**Solve each problem.**

|            |            |            |            |            |            |            |             |            |            |
|------------|------------|------------|------------|------------|------------|------------|-------------|------------|------------|
| 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2           | 2          | 2          |
| <u>+ 1</u> | <u>+ 4</u> | <u>+ 9</u> | <u>+ 8</u> | <u>+ 3</u> | <u>+ 5</u> | <u>+ 7</u> | <u>+ 10</u> | <u>+ 6</u> | <u>+ 2</u> |
| 3          | 6          | 11         | 10         | 5          | 7          | 9          | 12          | 8          | 4          |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 6   | + 10  | + 9   | + 1   | + 8   | + 7   | + 2   | + 4   | + 5   | + 3   |
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| 8     | 12    | 11    | 3     | 10    | 9     | 4     | 6     | 7     | 5     |

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ + 8 \\ \hline 10 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array} \quad \begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ + 9 \\ \hline 11 \end{array} \quad \begin{array}{r} 2 \\ + 10 \\ \hline 12 \end{array} \quad \begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

|     |     |      |     |     |     |     |     |     |     |
|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| 2   | 2   | 2    | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
| + 5 | + 2 | + 10 | + 6 | + 1 | + 4 | + 8 | + 7 | + 9 | + 3 |
| 7   | 4   | 12   | 8   | 3   | 6   | 10  | 9   | 11  | 5   |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 2   | + 4   | + 8   | + 10  | + 6   | + 9   | + 1   | + 7   | + 3   | + 5   |
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| 4     | 6     | 10    | 12    | 8     | 11    | 3     | 9     | 5     | 7     |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 9   | 6   | 3   | 5   | 4   | 1   | 2   | 8   | 7   | 10  |
| + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 |
| 11  | 8   | 5   | 7   | 6   | 3   | 4   | 10  | 9   | 12  |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 2          | 3          | 9          | 6          | 8          | 5          | 10         | 1          | 7          | 4          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 4          | 5          | 11         | 8          | 10         | 7          | 12         | 3          | 9          | 6          |

|                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                    |                                                   |                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 3                                                 | 8                                                 | 2                                                 | 1                                                 | 7                                                 | 4                                                 | 10                                                 | 5                                                 | 6                                                 | 9                                                 |
| $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ |
| 5                                                 | 10                                                | 4                                                 | 3                                                 | 9                                                 | 6                                                 | 12                                                 | 7                                                 | 8                                                 | 11                                                |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 8          | 9          | 3          | 10         | 5          | 4          | 2          | 6          | 7          | 1          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 10         | 11         | 5          | 12         | 7          | 6          | 4          | 8          | 9          | 3          |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 4          | 2          | 6          | 3          | 5          | 8          | 1          | 9          | 7          | 10         |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 6          | 4          | 8          | 5          | 7          | 10         | 3          | 11         | 9          | 12         |



**Solve each problem.**

|     |     |     |     |      |     |     |     |     |     |
|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
| 2   | 2   | 2   | 2   | 2    | 2   | 2   | 2   | 2   | 2   |
| + 1 | + 2 | + 5 | + 4 | + 10 | + 8 | + 7 | + 9 | + 6 | + 3 |
| 3   | 4   | 7   | 6   | 12   | 10  | 9   | 11  | 8   | 5   |

|     |     |     |     |     |      |     |     |     |     |
|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|
| 2   | 2   | 2   | 2   | 2   | 2    | 2   | 2   | 2   | 2   |
| + 4 | + 2 | + 9 | + 6 | + 5 | + 10 | + 3 | + 1 | + 7 | + 8 |
| 6   | 4   | 11  | 8   | 7   | 12   | 5   | 3   | 9   | 10  |

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array} \quad \begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ + 10 \\ \hline 12 \end{array} \quad \begin{array}{r} 2 \\ + 9 \\ \hline 11 \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array} \quad \begin{array}{r} 2 \\ + 8 \\ \hline 10 \end{array}$$

|     |     |     |     |      |     |     |     |     |     |
|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
| 2   | 2   | 2   | 2   | 2    | 2   | 2   | 2   | 2   | 2   |
| + 2 | + 5 | + 3 | + 4 | + 10 | + 8 | + 6 | + 7 | + 9 | + 1 |
| 4   | 7   | 5   | 6   | 12   | 10  | 8   | 9   | 11  | 3   |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 4   | + 5   | + 3   | + 1   | + 8   | + 6   | + 9   | + 10  | + 2   | + 7   |
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| 6     | 7     | 5     | 3     | 10    | 8     | 11    | 12    | 4     | 9     |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 7     | 3     | 5     | 1     | 6     | 9     | 4     | 10    | 8     |
| + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   |
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| 4     | 9     | 5     | 7     | 3     | 8     | 11    | 6     | 12    | 10    |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 7     | 10    | 6     | 9     | 3     | 4     | 5     | 1     | 8     | 2     |
| + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   |
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| 9     | 12    | 8     | 11    | 5     | 6     | 7     | 3     | 10    | 4     |

|                                                    |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |
|----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 10                                                 | 3                                                 | 4                                                 | 8                                                 | 2                                                 | 1                                                 | 6                                                 | 7                                                 | 9                                                 | 5                                                 |
| $\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ |
| 12                                                 | 5                                                 | 6                                                 | 10                                                | 4                                                 | 3                                                 | 8                                                 | 9                                                 | 11                                                | 7                                                 |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 9   | 4   | 2   | 5   | 6   | 3   | 8   | 10  | 7   | 1   |
| + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 |
| 11  | 6   | 4   | 7   | 8   | 5   | 10  | 12  | 9   | 3   |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 5          | 8          | 3          | 1          | 6          | 2          | 9          | 7          | 10         | 4          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 7          | 10         | 5          | 3          | 8          | 4          | 11         | 9          | 12         | 6          |



**Solve each problem.**

|     |     |     |     |     |     |      |     |     |     |
|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|
| 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2   | 2   | 2   |
| + 5 | + 6 | + 3 | + 1 | + 9 | + 2 | + 10 | + 8 | + 4 | + 7 |
| 7   | 8   | 5   | 3   | 11  | 4   | 12   | 10  | 6   | 9   |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 9   | + 1   | + 8   | + 3   | + 2   | + 7   | + 10  | + 6   | + 4   | + 5   |
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| 11    | 3     | 10    | 5     | 4     | 9     | 12    | 8     | 6     | 7     |

|            |            |            |            |            |            |            |            |             |            |
|------------|------------|------------|------------|------------|------------|------------|------------|-------------|------------|
| 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2          | 2           | 2          |
| <u>+ 2</u> | <u>+ 5</u> | <u>+ 8</u> | <u>+ 1</u> | <u>+ 9</u> | <u>+ 4</u> | <u>+ 7</u> | <u>+ 6</u> | <u>+ 10</u> | <u>+ 3</u> |
| 4          | 7          | 10         | 3          | 11         | 6          | 9          | 8          | 12          | 5          |

|     |     |      |     |     |     |     |     |     |     |
|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| 2   | 2   | 2    | 2   | 2   | 2   | 2   | 2   | 2   | 2   |
| + 3 | + 2 | + 10 | + 8 | + 5 | + 6 | + 4 | + 1 | + 9 | + 7 |
| 5   | 4   | 12   | 10  | 7   | 8   | 6   | 3   | 11  | 9   |

|       |     |       |       |       |       |       |       |       |       |
|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2   | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 2   | + 4 | + 10  | + 6   | + 7   | + 5   | + 3   | + 9   | + 1   | + 8   |
| <hr/> |     | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| 4     | 6   | 12    | 8     | 9     | 7     | 5     | 11    | 3     | 10    |

|                                                   |                                                   |                                                   |                                                   |                                                    |                                                   |                                                   |                                                   |                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 8                                                 | 9                                                 | 5                                                 | 7                                                 | 10                                                 | 6                                                 | 4                                                 | 3                                                 | 1                                                 | 2                                                 |
| $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ |
| 10                                                | 11                                                | 7                                                 | 9                                                 | 12                                                 | 8                                                 | 6                                                 | 5                                                 | 3                                                 | 4                                                 |

|                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                    |                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 2                                                 | 7                                                 | 9                                                 | 1                                                 | 3                                                 | 8                                                 | 4                                                 | 10                                                 | 5                                                 | 6                                                 |
| $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ |
| 4                                                 | 9                                                 | 11                                                | 3                                                 | 5                                                 | 10                                                | 6                                                 | 12                                                 | 7                                                 | 8                                                 |

|                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                    |                                                   |
|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------|
| 5                                                 | 6                                                 | 9                                                 | 2                                                 | 1                                                 | 7                                                 | 4                                                 | 8                                                 | 10                                                 | 3                                                 |
| $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ |
| 7                                                 | 8                                                 | 11                                                | 4                                                 | 3                                                 | 9                                                 | 6                                                 | 10                                                | 12                                                 | 5                                                 |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 2          | 7          | 4          | 1          | 8          | 6          | 10         | 3          | 5          | 9          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 4          | 9          | 6          | 3          | 10         | 8          | 12         | 5          | 7          | 11         |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 9   | 8   | 7   | 4   | 6   | 3   | 10  | 2   | 1   | 5   |
| + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 |
| 11  | 10  | 9   | 6   | 8   | 5   | 12  | 4   | 3   | 7   |



**Solve each problem.**

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 2 \\ + 9 \\ \hline 11 \end{array} \quad \begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array} \quad \begin{array}{r} 2 \\ + 10 \\ \hline 12 \end{array} \quad \begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ + 8 \\ \hline 10 \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array}$$

|     |     |     |     |     |     |     |     |      |     |
|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2   |
| + 4 | + 3 | + 9 | + 8 | + 6 | + 7 | + 2 | + 1 | + 10 | + 5 |
| 6   | 5   | 11  | 10  | 8   | 9   | 4   | 3   | 12   | 7   |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 8   | + 2   | + 9   | + 10  | + 1   | + 7   | + 5   | + 4   | + 6   | + 3   |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| 10    | 4     | 11    | 12    | 3     | 9     | 7     | 6     | 8     | 5     |

|       |     |     |     |     |     |     |      |     |     |
|-------|-----|-----|-----|-----|-----|-----|------|-----|-----|
| 2     | 2   | 2   | 2   | 2   | 2   | 2   | 2    | 2   | 2   |
| + 2   | + 7 | + 8 | + 5 | + 1 | + 6 | + 9 | + 10 | + 4 | + 3 |
| <hr/> |     |     |     |     |     |     |      |     |     |
| 4     | 9   | 10  | 7   | 3   | 8   | 11  | 12   | 6   | 5   |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| + 8   | + 3   | + 7   | + 9   | + 2   | + 4   | + 10  | + 5   | + 6   | + 1   |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| 10    | 5     | 9     | 11    | 4     | 6     | 12    | 7     | 8     | 3     |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 7     | 4     | 9     | 1     | 6     | 10    | 8     | 2     | 5     | 3     |
| + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   | + 2   |
| <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| 9     | 6     | 11    | 3     | 8     | 12    | 10    | 4     | 7     | 5     |

|                                                    |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |                                                   |
|----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 10                                                 | 6                                                 | 2                                                 | 7                                                 | 9                                                 | 8                                                 | 4                                                 | 3                                                 | 1                                                 | 5                                                 |
| $\begin{array}{r} 10 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 1 \\ + 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$ |
| 12                                                 | 8                                                 | 4                                                 | 9                                                 | 11                                                | 10                                                | 6                                                 | 5                                                 | 3                                                 | 7                                                 |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 6          | 2          | 10         | 5          | 9          | 3          | 1          | 8          | 4          | 7          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 8          | 4          | 12         | 7          | 11         | 5          | 3          | 10         | 6          | 9          |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 5          | 1          | 3          | 4          | 10         | 7          | 9          | 2          | 8          | 6          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 7          | 3          | 5          | 6          | 12         | 9          | 11         | 4          | 10         | 8          |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 3          | 5          | 6          | 8          | 7          | 2          | 9          | 10         | 1          | 4          |
| <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> | <u>+ 2</u> |
| 5          | 7          | 8          | 10         | 9          | 4          | 11         | 12         | 3          | 6          |