



Löse jede Aufgabe.

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 8   | 9   | 12  | 11  | 17  | 15  | 14  | 16  | 13  | 10  |
| - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 11  | 9   | 16  | 13  | 12  | 17  | 10  | 8   | 14  | 15  |
| - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 8   | 11  | 10  | 12  | 14  | 9   | 17  | 16  | 13  | 15  |
| - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 9   | 12  | 10  | 11  | 17  | 15  | 13  | 14  | 16  | 8   |
| - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 11  | 12  | 10  | 8   | 15  | 13  | 16  | 17  | 9   | 14  |
| - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 9   | 14  | 10  | 12  | 8   | 13  | 16  | 11  | 17  | 15  |
| - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 14  | 17  | 13  | 16  | 10  | 11  | 12  | 8   | 15  | 9   |
| - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 17  | 10  | 11  | 15  | 9   | 8   | 13  | 14  | 16  | 12  |
| - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 16  | 11  | 9   | 12  | 13  | 10  | 15  | 17  | 14  | 8   |
| - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 |

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 12  | 15  | 10  | 8   | 13  | 9   | 16  | 14  | 17  | 11  |
| - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 | - 7 |

**Löse jede Aufgabe.**

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 8     | 9     | 12    | 11    | 17    | 15    | 14    | 16    | 13    | 10    |
| - 7   | - 7   | - 7   | - 7   | - 7   | - 7   | - 7   | - 7   | - 7   | - 7   |
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| 1     | 2     | 5     | 4     | 10    | 8     | 7     | 9     | 6     | 3     |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 11    | 9     | 16    | 13    | 12    | 17    | 10    | 8     | 14    | 15    |
| - 7   | - 7   | - 7   | - 7   | - 7   | - 7   | - 7   | - 7   | - 7   | - 7   |
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| 4     | 2     | 9     | 6     | 5     | 10    | 3     | 1     | 7     | 8     |

|                |                |                |                |                |                |                 |                |                |                |
|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|
| 8              | 11             | 10             | 12             | 14             | 9              | 17              | 16             | 13             | 15             |
| $\frac{-7}{1}$ | $\frac{-7}{4}$ | $\frac{-7}{3}$ | $\frac{-7}{5}$ | $\frac{-7}{7}$ | $\frac{-7}{2}$ | $\frac{-7}{10}$ | $\frac{-7}{9}$ | $\frac{-7}{6}$ | $\frac{-7}{8}$ |

|       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 9     | 12    | 10    | 11    | 17    | 15    | 13    | 14    | 16    | 8     |
| - 7   | - 7   | - 7   | - 7   | - 7   | - 7   | - 7   | - 7   | - 7   | - 7   |
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| 2     | 5     | 3     | 4     | 10    | 8     | 6     | 7     | 9     | 1     |

|                                                |                                                |                                                |                                                |                                                |                                                |                                                |                                                 |                                                |                                                |
|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|
| 11                                             | 12                                             | 10                                             | 8                                              | 15                                             | 13                                             | 16                                             | 17                                              | 9                                              | 14                                             |
| $\begin{array}{r} - 7 \\ \hline 4 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 5 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 3 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 1 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 8 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 6 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 9 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 10 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 2 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 7 \end{array}$ |

|                |                |                |                |                |                |                |                |                 |                |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
| 9              | 14             | 10             | 12             | 8              | 13             | 16             | 11             | 17              | 15             |
| $\frac{-7}{2}$ | $\frac{-7}{7}$ | $\frac{-7}{3}$ | $\frac{-7}{5}$ | $\frac{-7}{1}$ | $\frac{-7}{6}$ | $\frac{-7}{9}$ | $\frac{-7}{4}$ | $\frac{-7}{10}$ | $\frac{-7}{8}$ |

|                                                |                                                 |                                                |                                                |                                                |                                                |                                                |                                                |                                                |                                                |
|------------------------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|
| 14                                             | 17                                              | 13                                             | 16                                             | 10                                             | 11                                             | 12                                             | 8                                              | 15                                             | 9                                              |
| $\begin{array}{r} - 7 \\ \hline 7 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 10 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 6 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 9 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 3 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 4 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 5 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 1 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 8 \end{array}$ | $\begin{array}{r} - 7 \\ \hline 2 \end{array}$ |

|                                                    |                                                    |                                                    |                                                    |                                                   |                                                   |                                                    |                                                    |                                                    |                                                    |
|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|---------------------------------------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| 17                                                 | 10                                                 | 11                                                 | 15                                                 | 9                                                 | 8                                                 | 13                                                 | 14                                                 | 16                                                 | 12                                                 |
| $\begin{array}{r} 17 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 11 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 15 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 13 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 14 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$ |
| 10                                                 | 3                                                  | 4                                                  | 8                                                  | 2                                                 | 1                                                 | 6                                                  | 7                                                  | 9                                                  | 5                                                  |

|                |                |                |                |                |                |                |                 |                |                |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| 16             | 11             | 9              | 12             | 13             | 10             | 15             | 17              | 14             | 8              |
| $\frac{-7}{9}$ | $\frac{-7}{4}$ | $\frac{-7}{2}$ | $\frac{-7}{5}$ | $\frac{-7}{6}$ | $\frac{-7}{3}$ | $\frac{-7}{8}$ | $\frac{-7}{10}$ | $\frac{-7}{7}$ | $\frac{-7}{1}$ |

|                                                    |                                                    |                                                    |                                                   |                                                    |                                                   |                                                    |                                                    |                                                    |                                                    |
|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|---------------------------------------------------|----------------------------------------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| 12                                                 | 15                                                 | 10                                                 | 8                                                 | 13                                                 | 9                                                 | 16                                                 | 14                                                 | 17                                                 | 11                                                 |
| $\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 15 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 13 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 14 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 17 \\ - 7 \\ \hline \end{array}$ | $\begin{array}{r} 11 \\ - 7 \\ \hline \end{array}$ |
| 5                                                  | 8                                                  | 3                                                  | 1                                                 | 6                                                  | 2                                                 | 9                                                  | 7                                                  | 10                                                 | 4                                                  |