



Löse jede Aufgabe.

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

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

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

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

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

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

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

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

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

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

**Löse jede Aufgabe.**

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

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

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

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

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

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

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

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

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

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