



Lösungen — Blatt 1

Punktebilder addieren: bis 15

1

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \bullet \end{array} =$$

15

2

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \bullet \bullet \bullet \bullet \bullet =$$

11

3

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \bullet \end{array} =$$

13

4

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \bullet \end{array} =$$

13

5

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \bullet \end{array} =$$

14

6

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \bullet \end{array} =$$

15

7

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \bullet \end{array} =$$

14

8

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \bullet \end{array} =$$

14

9

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet \bullet =$$

12

10

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \bullet \end{array} =$$

14

11

$$\bullet \bullet \bullet \bullet \bullet + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} =$$

12

12

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \bullet \bullet \bullet \bullet \bullet =$$

11



Lösungen — Blatt 2

Punktebilder addieren: bis 15

1

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} = 14$$

2

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} + \bullet \bullet = 11$$

3

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} = 15$$

4

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} = 14$$

5

$$\bullet \bullet + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} = 11$$

6

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} = 15$$

7

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} + \bullet \bullet \bullet = 12$$

8

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet \bullet = 14$$

9

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} = 12$$

10

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \bullet \bullet \bullet = 11$$

11

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet = 11$$

12

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet \bullet = 13$$



Lösungen — Blatt 3

Punktebilder addieren: bis 15

1

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \bullet \end{array} =$$

14

2

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \end{array} =$$

15

3

$$\bullet \bullet \bullet \bullet + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \end{array} =$$

12

4

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet \bullet =$$

14

5

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet =$$

11

6

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} =$$

14

7

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet \bullet =$$

12

8

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet =$$

11

9

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet =$$

13

10

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} =$$

14

11

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet \bullet =$$

13

12

$$\bullet \bullet \bullet + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \end{array} =$$

12



Lösungen — Blatt 4

Punktebilder addieren: bis 15

1



+



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14

2



+



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14

3



+



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11

4



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8



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12

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13

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+



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11



+



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12



+



=

13



Lösungen — Blatt 5

Punktebilder addieren: bis 15

1

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} =$$

12

2

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet =$$

11

3

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} =$$

15

4

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet =$$

12

5

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet \bullet =$$

13

6

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} =$$

15

7

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet \bullet =$$

14

8

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} =$$

12

9

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} =$$

14

10

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet \bullet =$$

13

11

$$\bullet \bullet \bullet \bullet \bullet + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} =$$

14

12

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \bullet \bullet \bullet =$$

11



Lösungen — Blatt 6

Punktebilder addieren: bis 15

1

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \bullet \bullet \end{array} =$$

15

2

$$\bullet \bullet \bullet \bullet \bullet + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} =$$

12

3

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} =$$

14

4

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} =$$

12

5

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \bullet \bullet \bullet =$$

11

6

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} =$$

14

7

$$\bullet \bullet \bullet \bullet \bullet + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} =$$

11

8

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} =$$

15

9

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet =$$

13

10

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \bullet \bullet =$$

11

11

$$\bullet \bullet \bullet \bullet + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} =$$

11

12

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} + \bullet \bullet \bullet \bullet =$$

11



Lösungen — Blatt 7

Punktebilder addieren: bis 15

1

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & \bullet & + & \begin{array}{ccc} \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet \end{array} & = & \boxed{13} \end{array}$$

2

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & \bullet & \bullet & \bullet & = & \boxed{11} \end{array}$$

3

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & \bullet & \bullet & = & \boxed{11} \end{array}$$

4

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & \bullet & \bullet & \bullet & = & \boxed{14} \end{array}$$

5

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & \bullet & \bullet & \bullet & = & \boxed{12} \end{array}$$

6

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \begin{array}{ccc} \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet \end{array} & = & \boxed{14} \end{array}$$

7

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & \bullet & = & \boxed{13} \end{array}$$

8

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & = & \boxed{12} \end{array}$$

9

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & \bullet & \bullet & = & \boxed{14} \end{array}$$

10

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & + & \bullet & \bullet & = & \boxed{11} \end{array}$$

11

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \begin{array}{ccc} \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet \end{array} & = & \boxed{14} \end{array}$$

12

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \begin{array}{ccc} \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet \end{array} & = & \boxed{12} \end{array}$$



Lösungen — Blatt 9

Punktebilder addieren: bis 15

1

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & \bullet & + & \begin{array}{ccc} \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet \end{array} \end{array} = 14$$

2

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & \bullet & \bullet & \bullet \end{array} = 12$$

3

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \begin{array}{ccc} \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet \end{array} \end{array} = 15$$

4

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & \bullet & \bullet \end{array} = 12$$

5

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & \bullet & \bullet & \bullet \end{array} = 14$$

6

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \begin{array}{ccc} \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet \end{array} \end{array} = 14$$

7

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \begin{array}{ccc} \bullet & \bullet & \bullet \\ \bullet & & \bullet \end{array} \end{array} = 12$$

8

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & \bullet & \bullet & \bullet \end{array} = 12$$

9

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \begin{array}{ccc} \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet \end{array} \end{array} = 14$$

10

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & \bullet \end{array} = 11$$

11

$$\bullet & \bullet & \bullet & + & \begin{array}{ccc} \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet \end{array} = 11$$

12

$$\begin{array}{ccccccc} \bullet & \bullet & \bullet & \bullet & + & \bullet & \bullet & \bullet & \bullet & \bullet \end{array} = 11$$



Lösungen — Blatt 10

Punktebilder addieren: bis 15

1

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} \\ \hline \end{array} =$$

13

2

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} \\ \hline \end{array} =$$

14

3

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} \\ \hline \end{array} =$$

15

4

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} \\ \hline \end{array} =$$

13

5

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} \\ \hline \end{array} =$$

14

6

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} \\ \hline \end{array} =$$

15

7

$$\begin{array}{c} \bullet \bullet \bullet \\ + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} \\ \hline \end{array} =$$

12

8

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ + \bullet \bullet \bullet \bullet \bullet \\ \hline \end{array} =$$

12

9

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} \\ \hline \end{array} =$$

11

10

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \end{array} \\ \hline \end{array} =$$

15

11

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ + \begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ \bullet \bullet \end{array} \\ \hline \end{array} =$$

15

12

$$\begin{array}{c} \bullet \bullet \bullet \bullet \bullet \\ + \bullet \bullet \bullet \bullet \bullet \\ \hline \end{array} =$$

13