# SUM BLOBS
## DIFFICULTY LEVEL:
★ — ★ ★ ★ ★ ★

In a **Sum Blob** puzzle, the goal is to circle "blobs" whose sum is a given target number.

Every square in a blob must share at least one edge with another square in the blob. Blobs may not overlap. The goal is to use every number in the grid in a blob.

Sum: 70

| | | |
|---|---|---|
| 7 | 21 | 42 |
| 28 | 21 | 28 |
| 14 | 21 | 28 |

The sums in the three blobs are 14+28+7+21=70, 21+21+28=70, and 42+28=70.

**34.** Sum: 300

| 45 | 100 | 100 | 100 |
| 35 | 100 | 25 | 35 |
| 100 | 100 | 100 | 60 |

**35.** Sum: 30

| 15 | 9 | 15 | 15 |
| 7 | 4 | 6 | 15 |
| 4 | 7 | 8 | 15 |

**36.** Sum: 19

| 12 | 4 | 9 | 10 |
| 7 | 7 | 8 | 8 |
| 8 | 11 | 8 | 3 |

**37.** Sum: 20

| 1 | 1 | 9 | 6 |
| 1 | 6 | 6 | 8 |
| 1 | 7 | 8 | 6 |

**38.** Sum: 240

| 5 | 20 | 3 | 6 |
| 8 | 200 | 200 | 2 |
| 7 | 8 | 1 | 20 |

**39.** Sum: 40

| 6 | 17 | 6 | 17 |
| 6 | 6 | 11 | 11 |
| 17 | 6 | 6 | 11 |

**40.**  Sum: 13  H

| 1 | 3 | 1 | 9 |
| 6 | 1 | 2 | 1 |
| 1 | 5 | 1 | 7 |
| 8 | 1 | 4 | 1 |

**41.**  Sum: 12  H

| 2 | 3 | 5 | 5 |
| 1 | 2 | 5 | 5 |
| 6 | 6 | 1 | 2 |
| 6 | 6 | 2 | 3 |

**42.**  Sum: 90  H

| 10 | 20 | 21 | 10 |
| 20 | 20 | 40 | 40 |
| 20 | 19 | 40 | 40 |
| 10 | 20 | 20 | 10 |

**43.**  Sum: 23  H

| 10 | 10 | 2 | 1 |
| 10 | 10 | 3 | 10 |
| 6 | 5 | 4 | 10 |
| 7 | 8 | 9 | 10 |

**44.**  Sum: 24  H

| 12 | 7 | 5 | 12 |
| 5 | 6 | 6 | 7 |
| 12 | 7 | 5 | 7 |
| 5 | 6 | 12 | 6 |

**45.**  Sum: 14  H

| 1 | 3 | 3 | 4 |
| 5 | 3 | 2 | 4 |
| 5 | 5 | 2 | 4 |
| 1 | 5 | 5 | 4 |

**46.** Sum: 36 **H**

| | | | |
|---|---|---|---|
| 9 | 3 | 9 | 3 |
| 9 | 27 | 9 | 9 |
| 9 | 9 | 3 | 9 |
| 27 | 9 | 27 | 9 |

**47.** Sum: 18 **H**

| | | | |
|---|---|---|---|
| 6 | 8 | 4 | 4 |
| 6 | 4 | 2 | 1 |
| 1 | 2 | 2 | 6 |
| 8 | 8 | 4 | 6 |

**48.** Sum: 14 **H**

| | | | |
|---|---|---|---|
| 1 | 1 | 1 | 1 |
| 9 | 10 | 1 | 1 |
| 1 | 12 | 13 | 1 |
| 1 | 1 | 1 | 1 |

**49.** Sum: 26 **H**

| | | | |
|---|---|---|---|
| 8 | 4 | 7 | 5 |
| 4 | 6 | 8 | 6 |
| 8 | 5 | 7 | 9 |
| 5 | 7 | 9 | 6 |

**50.** Sum: 13 **H**

| | | | |
|---|---|---|---|
| 3 | 10 | 1 | 2 |
| 10 | 1 | 10 | 2 |
| 3 | 10 | 1 | 10 |
| 2 | 1 | 10 | 2 |

**51.** Sum: 40 **H**

| | | | |
|---|---|---|---|
| 4 | 3 | 15 | 16 |
| 2 | 4 | 12 | 15 |
| 15 | 14 | 7 | 6 |
| 17 | 15 | 8 | 7 |

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**34.** Sum: 300

| 45 | 100 | 100 | 100 |
|----|-----|-----|-----|
| 35 | 100 | 25 | 35 |
| 00 | 100 | 100 | 60 |

**35.** Sum: 30

| 15 | 9 | 15 | 15 |
|----|---|----|----|
| 7 | 4 | 6 | 15 |
| 4 | 7 | 8 | 15 |

**36.** Sum: 19

| 12 | 4 | 9 | 10 |
|----|---|---|----|
| 7 | 7 | 8 | 8 |
| 8 | 11 | 8 | 3 |

**37.** Sum: 20

| 1 | 1 | 9 | 6 |
|---|---|---|---|
| 1 | 6 | 6 | 8 |
| 1 | 7 | 8 | 6 |

**38.** Sum: 240

| 5 | 20 | 3 | 6 |
|---|----|---|---|
| 8 | 200 | 200 | 2 |
| 7 | 8 | 1 | 20 |

**39.** Sum: 40

| 6 | 17 | 6 | 17 |
|---|----|---|----|
| 6 | 6 | 11 | 11 |
| 17 | 6 | 6 | 11 |

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**40.** Sum: 13

| 1 | 3 | 1 | 9 |
|---|---|---|---|
| 6 | 1 | 2 | 1 |
| 1 | 5 | 1 | 7 |
| 8 | 1 | 4 | 1 |

**41.** Sum: 12

| 2 | 3 | 5 | 5 |
|---|---|---|---|
| 1 | 2 | 5 | 5 |
| 6 | 6 | 1 | 2 |
| 6 | 6 | 2 | 3 |

**42.** Sum: 90

| 10 | 20 | 21 | 10 |
|----|----|----|----|
| 20 | 20 | 40 | 40 |
| 20 | 19 | 40 | 40 |
| 10 | 20 | 20 | 10 |

**43.** Sum: 23

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

**44.** Sum: 24

| 12 | 7 | 5 | 12 |
|----|---|---|----|
| 5 | 6 | 6 | 7 |
| 12 | 7 | 5 | 7 |
| 5 | 6 | 12 | 6 |

**45.** Sum: 14

| 1 | 3 | 3 | 4 |
|---|---|---|---|
| 5 | 3 | 2 | 4 |
| 5 | 5 | 2 | 4 |
| 1 | 5 | 5 | 4 |

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**46.** Sum: 36

| 9 | 3 | 9 | 3 |
|---|---|---|---|
| 9 | 27 | 9 | 9 |
| 9 | 9 | 3 | 9 |
| 27 | 9 | 27 | 9 |

**47.** Sum: 18

| 6 | 8 | 4 | 4 |
|---|---|---|---|
| 6 | 4 | 2 | 1 |
| 1 | 2 | 2 | 6 |
| 8 | 8 | 4 | 6 |

**48.** Sum: 14

| 1 | 1 | 1 | 1 |
|---|---|---|---|
| 9 | 10 | 1 | 1 |
| 1 | 12 | 13 | 1 |
| 1 | 1 | 1 | 1 |

**49.** Sum: 26

| 8 | 4 | 7 | 5 |
|---|---|---|---|
| 4 | 6 | 8 | 6 |
| 8 | 5 | 7 | 9 |
| 5 | 7 | 9 | 6 |

**50.** Sum: 13

| 3 | 10 | 1 | 2 |
|---|----|---|---|
| 10 | 1 | 10 | 2 |
| 3 | 10 | 1 | 10 |
| 2 | 1 | 10 | 2 |

**51.** Sum: 40

| 4 | 3 | 15 | 16 |
|---|---|----|----|
| 2 | 4 | 12 | 15 |
| 15 | 14 | 7 | 6 |
| 17 | 15 | 8 | 7 |