

# Magic Squares

## Advanced

Bigger numbers and a 4×4 square.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Think:** Use whichever row, column, or diagonal has just one empty cell.

1. Fill the grid so every row, column, and diagonal adds to the magic sum.

1) Magic sum = \_\_\_\_\_

|    |    |    |    |
|----|----|----|----|
|    |    |    | 9  |
| 17 | 14 | 15 |    |
| 13 | 18 | 19 | 16 |
| 24 | 11 |    |    |

3) Magic sum = \_\_\_\_\_

|    |    |    |    |
|----|----|----|----|
| 34 | 24 | 32 | 10 |
|    |    | 22 | 36 |
|    |    |    | 38 |
| 40 | 18 | 26 |    |

2) Magic sum = \_\_\_\_\_

|    |    |    |    |
|----|----|----|----|
|    | 21 |    | 7  |
| 15 | 12 | 13 | 18 |
| 11 |    |    | 14 |
|    | 9  | 8  |    |

4) Magic sum = \_\_\_\_\_

|    |    |    |    |
|----|----|----|----|
| 29 |    | 9  |    |
| 19 |    |    | 13 |
| 27 |    | 15 | 21 |
| 5  | 31 |    | 11 |