

# Magic Squares

## Algebra

Name \_\_\_\_\_

**A**

|                                       |         |         |
|---------------------------------------|---------|---------|
| $6A+2B$                               | $7A+9B$ | $2A+4B$ |
| $A+7B$                                |         |         |
|                                       |         |         |
| <b>Total = <math>15A + 15B</math></b> |         |         |

**E**

|                |       |       |
|----------------|-------|-------|
|                |       |       |
| $N+7$          |       |       |
| $N+2$          | $N+9$ | $N+4$ |
| <b>Total =</b> |       |       |

**B**

|                                       |         |          |
|---------------------------------------|---------|----------|
|                                       |         |          |
| $14A-3B$                              |         |          |
| $12A-4B$                              | $2A-9B$ | $16A-2B$ |
| <b>Total = <math>30A - 15B</math></b> |         |          |

**F**

|                |        |        |
|----------------|--------|--------|
| $2N+6$         | $7N+1$ | $6N+8$ |
|                |        |        |
|                |        | $8N+4$ |
| <b>Total =</b> |        |        |

**C**

|                  |       |  |
|------------------|-------|--|
|                  |       |  |
| $-8A$            |       |  |
| $6A$             | $-4A$ |  |
| <b>Total = 0</b> |       |  |

**G**

|                |        |  |
|----------------|--------|--|
| $N-3$          |        |  |
| $8N+4$         | $4N$   |  |
| $3N-1$         | $2N-2$ |  |
| <b>Total =</b> |        |  |

**D**

|                |         |         |
|----------------|---------|---------|
|                |         | $6B-6A$ |
|                |         |         |
| $6A-6B$        | $4B-4A$ | $2B-2A$ |
| <b>Total =</b> |         |         |

**H**

|                |         |        |
|----------------|---------|--------|
|                |         | $9-3N$ |
|                | $10-2N$ |        |
| $11-N$         | $12$    |        |
| <b>Total =</b> |         |        |