

## Inky #1

|      |      |      |      |       |      |       |     |       |
|------|------|------|------|-------|------|-------|-----|-------|
| 4 /  |      | 54 × |      |       | 84 × | 240 × |     |       |
| 35 × |      | 5 -  |      |       |      | 19 +  |     |       |
| 24 × | 3 /  |      | 15 + |       | 5 -  |       | 5 × | 210 × |
|      | 54 × |      |      | 144 × | 2 /  | 11 +  |     |       |
| 4 -  | 4 /  |      |      |       |      |       | 2 - |       |
|      | 5 -  | 2 -  | 10 + | 7 -   | 9 +  |       |     | 2 /   |
| 5 -  |      |      |      |       | 60 × |       | 7 + |       |
|      | 18 + | 2 /  | 12 + | 4 -   | 15 + |       |     | 3 /   |
|      |      |      |      |       |      | 5 -   |     |       |

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## Inky #2

|      |       |      |     |      |       |     |      |      |
|------|-------|------|-----|------|-------|-----|------|------|
| 21 × | 3 -   |      | 1 - |      | 7 -   |     | 6 -  | 1 -  |
|      | 252 × | 8 +  |     | 3 /  | 2 /   |     |      |      |
| 11 + |       |      | 4 - |      | 18 ×  | 2 / |      | 18 + |
|      | 4 /   |      |     | 72 × |       | 2 / |      |      |
| 2 /  | 2 /   | 11 + | 4 / |      | 126 × | 4 - | 70 × |      |
|      |       |      |     | 10 + |       |     |      |      |
| 20 + |       | 35 × |     |      |       | 3 / |      | 16 + |
|      | 2 /   | 27 × |     | 7 +  | 1 -   | 1 - |      |      |
|      |       | 56 × |     |      |       | 5 + |      |      |

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Fill in the blank squares so that each row and each column contain all of the digits 1 thru 9.

The heavy lines indicate areas (called cages) that contain groups of numbers that can be combined (in any order) to produce the result shown in the cage, with the indicated math operation. For example, 12× means you can multiply the values together to produce 12.

Numbers in cages may repeat, as long as they are not in the same row or column.

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free puzzles and mazes

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## Inky #3

|       |      |     |      |      |      |      |      |      |
|-------|------|-----|------|------|------|------|------|------|
| 168 × | 6 -  |     | 24 × |      | 14 + |      |      | 35 × |
|       | 2 /  |     | 4 /  | 14 + |      | 8 +  | 7 -  |      |
|       | 5 -  |     |      | 11 + | 11 + |      |      | 11 + |
| 4 ×   |      | 1 - |      |      |      | 12 + |      |      |
| 12 ×  |      | 2 - | 90 × |      |      | 72 × | 6 ×  | 2 -  |
| 4 /   |      |     | 2 -  | 3 /  |      |      |      |      |
| 1 -   | 14 + |     |      |      | 2 /  |      | 21 × |      |
|       | 3 /  |     | 30 × | 9 +  | 3 -  | 5 -  | 2 /  |      |
| 45 ×  |      |     |      |      |      |      | 9 +  |      |

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## Inky #4

|       |       |      |       |      |      |       |      |     |
|-------|-------|------|-------|------|------|-------|------|-----|
| 11 +  | 10 +  | 4 -  | 18 +  |      | 24 × | 14 +  | 17 + |     |
|       |       |      | 2 /   |      |      |       |      |     |
| 3 -   |       | 36 × |       | 4 /  | 2 -  | 3 -   |      | 5 - |
|       | 192 × |      | 5 ×   |      |      | 4 -   |      |     |
|       |       | 2 /  |       | 36 × | 10 + | 12 +  |      |     |
| 147 × |       |      | 126 × |      |      | 160 × |      |     |
|       |       | 4 /  |       | 2 -  |      | 3 /   | 9 +  |     |
| 5 -   |       |      |       | 20 × | 5 +  |       | 60 × |     |
| 14 +  |       |      |       |      |      | 1 -   |      |     |

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## Inky #5

|      |      |      |           |      |      |      |      |      |
|------|------|------|-----------|------|------|------|------|------|
| 3 -  | 14 + | 2 /  |           | 20 × | 24 × | 3 /  |      | 2 -  |
|      |      | 1 -  |           |      |      | 6 ×  |      |      |
| 14 + | 4 -  |      | 42 ×      |      |      | 6 +  | 5 -  |      |
|      | 54 × |      |           | 3 /  | 4 -  |      | 3 -  | 24 × |
| 7 +  |      | 48 × |           |      |      | 6 -  |      |      |
| 9 +  |      | 9 +  |           | 3 -  |      |      | 19 + |      |
| 3 /  |      | 4 /  | 28 ×      |      | 5 -  | 13 + |      |      |
| 10 + |      |      | 4536<br>× | 4 /  |      |      | 3 /  |      |
|      |      |      |           |      | 24 × |      | 6 +  |      |

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## Inky #6

|      |      |      |     |     |       |      |       |      |
|------|------|------|-----|-----|-------|------|-------|------|
| 5 -  | 14 × | 14 + |     | 7 + |       | 7 +  |       | 1 -  |
|      |      | 15 × |     | 2 - |       | 4 ×  |       |      |
| 9 ×  |      | 12 + |     | 3 / |       | 13 + | 216 × | 1 -  |
| 10 + |      | 1 -  |     | 2 / | 5 -   |      |       |      |
| 35 × |      | 1 -  |     |     |       | 3 -  |       | 9 +  |
| 90 × |      |      | 3 / |     | 120 × |      | 11 +  |      |
| 13 + | 2 /  | 6 ×  | 5 - |     |       |      |       | 30 × |
|      |      |      | 1 - |     | 3 -   | 2 /  |       |      |
|      | 3 /  |      | 7 + |     |       | 42 × |       |      |

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## Inky #7

|      |      |      |      |      |      |      |       |     |
|------|------|------|------|------|------|------|-------|-----|
| 3 /  | 15 + |      | 5 -  | 48 × | 3 -  | 7 +  | 2 -   | 1 - |
|      | 80 × | 11 + |      |      |      |      |       |     |
|      |      |      | 13 + |      | 1 -  |      | 5 ×   | 2 - |
| 11 + |      | 24 × |      | 27 × | 56 × |      |       |     |
|      | 70 × |      | 11 + |      | 1 -  |      | 4 /   | 5 - |
| 3 -  |      |      |      |      |      | 10 + |       |     |
|      | 5 +  |      | 2 -  |      | 54 × |      | 192 × |     |
| 1 -  | 15 + |      | 4 /  | 20 × |      | 15 + |       |     |
|      | 9 ×  |      |      |      |      |      | 2 /   |     |

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## Inky #8

|      |      |      |      |       |      |      |      |       |
|------|------|------|------|-------|------|------|------|-------|
| 6 +  |      | 2 -  |      | 10 +  | 24 × |      | 9 +  | 2 /   |
| 3 /  | 3 /  |      | 11 + |       | 1 -  |      |      |       |
|      | 1 -  |      |      | 270 × |      | 1 -  | 13 + | 3 /   |
| 2 /  |      | 10 × |      |       | 1 -  |      |      |       |
| 6 ×  |      |      | 21 + | 1 -   |      | 15 + |      | 1 -   |
| 54 × | 7 -  |      |      |       | 8 +  |      | 2 -  |       |
|      |      | 12 × |      | 288 × |      | 4 -  |      | 504 × |
| 28 × | 12 + | 3 /  |      |       |      |      | 3 /  |       |
|      |      | 14 + |      | 12 ×  |      |      |      |       |

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# Answers

Hard 9x9 Inkies by Krazydad, Volume 13, Book 63

Inky #1

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

Inky #2

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

Inky #3

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

Inky #4

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

Inky #5

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

Inky #6

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

Inky #7

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

Inky #8

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

For more puzzles, visit [www.krazydad.com](http://www.krazydad.com)