

## Inky #1

|      |       |      |       |      |      |      |       |      |
|------|-------|------|-------|------|------|------|-------|------|
| 2 /  | 1 -   |      | 16 +  | 6 +  |      |      | 16 ×  | 63 × |
|      | 48 ×  |      |       | 5 -  | 3 /  |      |       |      |
| 6 -  |       | 7 +  | 3 /   |      |      | 1 -  |       | 9 +  |
|      | 3 -   |      |       | 5 -  |      | 4 -  | 3 /   |      |
| 4 -  |       | 5 -  |       | 8 +  |      |      |       | 9 +  |
|      | 144 × | 11 + |       | 12 + |      | 24 × | 126 × |      |
|      |       | 2 /  |       |      | 21 + |      |       |      |
| 24 × | 8 ×   |      | 270 × | 14 + |      | 7 ×  | 1 -   |      |
|      |       |      |       |      |      |      | 10 ×  |      |

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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

## Inky #2

|       |     |      |      |      |      |      |       |      |
|-------|-----|------|------|------|------|------|-------|------|
| 120 × |     |      | 36 × |      | 11 + | 6 -  | 7 -   | 5 -  |
| 15 +  | 4 / | 3 /  |      | 48 × |      |      |       |      |
|       |     | 9 +  |      |      | 4 /  | 36 × | 120 × |      |
| 168 × |     |      | 4 -  | 19 + |      |      |       |      |
| 4 /   |     | 16 + |      |      | 42 × |      | 24 ×  | 1 -  |
| 12 +  |     |      | 10 + |      | 2 /  |      |       |      |
|       | 5 + |      |      | 4 -  |      | 2 /  |       | 17 + |
| 7 +   |     | 3 -  | 1 -  | 2 /  | 12 × | 2 -  |       |      |
| 72 ×  |     |      |      |      |      |      | 2 -   |      |

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## Inky #3

|      |     |       |      |      |       |      |      |      |
|------|-----|-------|------|------|-------|------|------|------|
| 72 × | 1 - |       | 14 + | 84 × |       |      | 14 + | 8 +  |
|      | 7 - |       |      | 5 +  |       |      |      |      |
| 2 -  | 2 / | 576 × |      | 3 -  |       | 16 + |      | 3 /  |
|      |     |       |      | 14 + |       |      |      |      |
| 1 -  | 1 - |       | 7 +  | 4 /  | 8 ×   |      | 13 + | 63 × |
|      | 7 - |       |      |      | 2 /   |      |      |      |
| 2 -  |     | 21 ×  |      | 4 -  | 2 /   |      | 63 × | 7 -  |
| 2 /  | 9 + | 15 ×  |      |      | 576 × | 9 +  |      |      |
|      |     | 42 ×  |      |      |       |      | 2 /  |      |

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## Inky #4

|      |      |      |     |       |     |      |      |      |
|------|------|------|-----|-------|-----|------|------|------|
| 4 -  |      | 72 × |     | 10 +  |     | 3 /  |      | 10 + |
| 13 + | 30 × | 3 -  |     | 48 ×  | 5 + | 18 × |      |      |
|      |      | 1 -  |     |       |     |      | 3 /  |      |
| 9 +  | 13 + | 3 /  | 2 / |       | 1 - |      | 3 -  | 42 × |
|      |      |      | 2 / | 7 +   |     | 5 -  |      |      |
| 56 × |      | 3 -  |     | 20 ×  | 8 × |      | 15 + | 7 -  |
| 3 /  |      |      | 1 - |       |     | 6 -  |      |      |
| 2 /  | 3 /  |      |     | 126 × | 4 - |      | 15 + | 24 × |
|      | 9 +  |      |     |       |     |      |      |      |

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## Inky #5

|      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|
| 12 × | 9 ×  | 8 +  |      | 72 × |      | 16 × | 2 -  | 13 + |
|      |      | 7 ×  |      | 7 +  |      |      |      |      |
| 1 -  | 2 /  | 2 /  |      | 7 -  | 2 /  |      | 12 + |      |
|      |      | 9 ×  |      |      |      | 30 × | 8 +  | 2 /  |
| 4 -  | 14 × | 24 × |      | 6 -  |      |      |      |      |
|      |      | 15 + | 15 + | 1 -  | 10 + |      | 2 /  |      |
| 4 /  |      |      |      |      | 4 -  |      | 3 /  |      |
| 7 -  | 7 +  |      | 2 -  | 42 × | 3 /  | 4 -  | 72 × | 7 -  |
|      | 9 +  |      |      |      |      |      |      |      |

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## Inky #6

|       |     |      |      |      |      |      |      |      |
|-------|-----|------|------|------|------|------|------|------|
| 84 ×  |     |      | 63 × | 9 +  |      | 45 × | 6 -  | 9 +  |
| 5 ×   |     | 4 /  |      |      | 2 /  |      |      |      |
| 2 -   | 2 - |      | 4 /  | 2 -  |      | 1 -  | 42 × |      |
|       |     | 7 -  |      |      | 1 -  |      | 18 + | 5 +  |
| 84 ×  |     |      | 3 /  | 15 + |      | 2 /  |      |      |
| 135 × |     | 14 + |      |      | 4 -  |      |      | 18 × |
|       |     |      | 20 × | 5 -  |      | 15 + |      |      |
| 4 /   |     | 2 -  |      |      | 10 + |      | 20 + |      |
| 4 /   |     |      | 3 /  |      |      | 21 × |      |      |

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## Inky #7

|      |       |      |      |      |     |       |       |      |
|------|-------|------|------|------|-----|-------|-------|------|
| 50 × |       | 2 -  |      | 7 -  | 5 - |       | 4 -   | 9 ×  |
| 36 × |       | 5 +  | 11 + |      | 1 - | 3 -   |       |      |
|      | 10 +  |      |      | 13 + |     |       | 3 -   | 2 /  |
| 2 -  |       | 11 + |      |      | 2 / |       |       |      |
|      | 2 -   | 3 /  |      | 14 × |     | 45 ×  |       | 2 /  |
| 1 -  |       | 72 × | 21 + |      |     | 144 × | 2 /   |      |
|      | 336 × |      | 4 /  |      |     |       |       | 10 × |
| 8 +  |       |      | 15 × |      | 5 + | 11 +  | 168 × |      |
|      | 8 +   |      | 1 -  |      |     |       |       |      |

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## Inky #8

|      |      |      |       |      |      |      |      |     |
|------|------|------|-------|------|------|------|------|-----|
| 18 + |      |      | 315 × |      |      | 7 +  | 2 /  | 3 / |
| 3 /  |      | 14 × | 2 /   |      | 2 -  |      |      |     |
| 5 -  |      |      | 2 -   | 18 × |      | 13 + | 12 + |     |
| 2 /  |      | 9 +  |       |      |      |      | 3 -  |     |
| 14 + | 14 × |      | 5 -   |      | 15 × |      | 1 -  | 4 / |
|      |      | 72 × |       | 12 × |      | 1 -  |      |     |
| 2 -  |      | 9 +  |       | 14 × |      |      | 8 +  |     |
| 42 × | 4 -  |      | 5 +   |      | 2 -  |      | 16 × |     |
|      |      | 1 -  |       | 6 +  |      | 48 × |      |     |

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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.

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# Answers

Hard 9x9 Inkies by Krazydad, Volume 14, Book 30

Inky #1

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

Inky #2

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

Inky #3

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

Inky #4

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

Inky #5

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

Inky #6

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

Inky #7

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

Inky #8

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

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