

### Inky #1

|       |      |      |      |      |      |      |      |      |
|-------|------|------|------|------|------|------|------|------|
| 3 /   | 13 + |      | 3 /  |      | 2 -  | 20 x | 3 -  | 14 + |
|       | 11 + |      | 1 -  |      |      |      |      |      |
| 6 +   | 2 -  |      | 30 x | 21 x |      | 4 /  |      | 12 x |
|       |      | 11 + |      | 3 /  |      | 48 x | 11 + |      |
| 192 x |      |      |      | 13 + |      |      |      | 2 -  |
|       |      | 2 -  | 36 x |      | 5 -  |      | 2 /  |      |
| 2 /   |      |      | 35 x |      | 9 x  |      |      | 7 +  |
| 2 -   | 2 /  | 4 /  |      | 7 -  | 12 x |      |      |      |
|       |      | 10 + |      |      | 1 -  |      | 6 +  |      |

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### Inky #2

|       |      |       |      |     |      |      |      |      |
|-------|------|-------|------|-----|------|------|------|------|
| 4 /   | 3 /  | 15 +  | 2 /  | 4 - | 3 -  |      | 8 +  | 24 x |
|       |      |       |      |     | 18 + | 2 -  |      |      |
| 13 +  |      | 14 +  |      |     |      |      | 1 -  |      |
|       | 10 + |       | 13 + |     |      | 14 x |      | 72 x |
| 30 x  |      | 9 +   | 3 /  |     | 4 -  | 3 /  |      |      |
|       | 6 -  |       | 13 + |     |      | 70 x |      |      |
| 108 x |      | 140 x | 1 -  |     | 3 /  | 9 x  | 6 -  |      |
|       | 4 /  |       | 35 x | 5 - |      |      | 30 x |      |
|       |      |       |      |     | 1 -  |      | 3 /  |      |

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### Inky #3

|      |      |      |       |      |      |       |     |      |
|------|------|------|-------|------|------|-------|-----|------|
| 18 + | 3 /  | 10 + | 120 x |      |      | 960 x |     |      |
|      |      |      | 1 -   | 10 + |      | 2 -   |     |      |
|      | 9 +  |      |       | 20 x |      |       | 3 - |      |
| 2 /  | 63 x |      | 5 -   |      | 48 x | 24 x  | 7 - | 14 x |
|      | 20 x | 7 +  |       |      |      |       |     |      |
| 4 /  |      |      |       |      | 1 -  | 42 x  |     | 8 +  |
|      | 3 /  | 9 +  | 1 -   |      |      | 4 -   | 2 / |      |
| 8 +  |      |      | 14 +  |      | 6 +  |       |     | 5 -  |
|      | 48 x |      | 2 -   |      |      | 1 -   |     |      |

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### Inky #4

|        |      |      |      |      |      |      |      |     |
|--------|------|------|------|------|------|------|------|-----|
| 2 /    | 20 x | 2 -  |      | 10 + |      | 15 + | 1 -  |     |
|        |      | 30 x |      | 13 + | 63 x |      | 16 + |     |
| 2 -    |      | 12 + |      |      |      | 9 +  |      |     |
| 4 -    |      |      | 6 -  | 5 -  |      |      | 2 /  |     |
|        | 64 x | 24 x |      |      | 18 x |      | 42 x | 9 + |
|        |      |      | 15 + | 14 + | 5 -  | 4 /  |      |     |
| 4032 x |      |      |      |      |      |      | 3 /  |     |
|        |      | 11 + |      | 1 -  | 12 x |      | 4 -  | 2 / |
| 3 /    |      | 3 -  |      |      | 30 x |      |      |     |

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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, 12x 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.

### Inky #5

|      |      |      |      |      |      |      |     |       |
|------|------|------|------|------|------|------|-----|-------|
| 10 x |      | 1 -  | 9 +  | 30 x | 6 +  | 8 +  |     | 315 x |
| 1 -  | 3 /  |      |      |      |      | 24 x |     |       |
|      |      | 3 /  | 15 + |      |      | 2 /  |     |       |
| 10 + |      |      | 56 x |      |      | 3 /  | 3 - | 8 x   |
| 2 -  |      | 5 -  |      | 11 + | 40 x |      |     |       |
| 12 x | 3 /  | 14 + | 12 + |      |      | 56 x | 5 - |       |
|      |      |      |      | 7 -  | 36 x |      | 5 + |       |
| 4 -  | 56 x | 8 +  | 7 -  |      |      | 7 +  | 3 - | 1 -   |
|      |      |      |      | 2 /  |      |      |     |       |

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### Inky #6

|      |     |      |      |     |       |     |      |       |
|------|-----|------|------|-----|-------|-----|------|-------|
| 4 -  | 2 / | 11 + | 5 -  |     | 180 x |     | 14 + | 12 +  |
|      |     |      | 3 /  |     | 4 -   |     |      |       |
| 15 + |     | 24 x | 45 x |     |       | 4 / |      | 3 /   |
| 14 + |     |      |      | 3 / | 1 -   |     | 9 +  |       |
| 1 -  |     | 3 -  |      |     | 36 x  |     |      | 7 +   |
| 4 /  | 2 - | 7 -  |      | 2 - |       |     |      |       |
|      |     | 28 + | 30 x |     | 4 /   |     | 21 x |       |
| 10 + | 2 / |      |      | 5 x |       | 1 - |      | 160 x |
|      |     |      |      |     | 18 x  |     |      |       |

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### Inky #7

|      |     |       |       |     |      |       |      |      |
|------|-----|-------|-------|-----|------|-------|------|------|
| 11 + | 7 - | 7 -   | 3 /   | 1 - |      | 15 +  | 2 -  |      |
|      |     |       |       | 6 x | 48 x |       | 2 -  |      |
| 19 + | 5 - | 7 +   |       |     |      |       | 3 -  |      |
|      |     | 3 /   | 175 x |     | 84 x | 108 x | 10 + |      |
|      | 2 / |       |       |     |      |       |      | 2 /  |
| 18 x |     | 48 x  |       | 2 - |      | 2 -   | 40 x |      |
|      |     | 2 /   |       |     | 10 + |       |      | 20 + |
| 15 x |     | 168 x |       |     |      | 7 +   | 2 /  |      |
| 2 -  |     | 13 +  |       | 4 / |      |       |      |      |

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### Inky #8

|      |     |       |      |       |      |       |      |      |
|------|-----|-------|------|-------|------|-------|------|------|
| 40 x |     |       | 2 -  |       | 7 +  | 189 x |      |      |
| 15 + |     | 13 +  | 7 -  |       |      | 11 +  | 11 + |      |
|      | 1 - |       |      | 2 /   |      |       | 11 + |      |
| 7 -  |     | 126 x | 3 /  | 12 x  |      | 200 x | 6 -  |      |
|      | 4 / |       |      | 504 x |      |       | 12 + | 15 x |
| 7 -  |     |       | 2 -  |       |      |       |      |      |
|      | 4 - | 8 x   |      | 15 +  | 12 x |       |      | 64 x |
| 11 + |     |       | 20 x |       |      | 3 /   | 1 -  |      |
|      | 2 - |       |      | 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, 12x 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.

# Answers

Mixed 9x9 Inkies by Krazydad, Volume 14, Book 17

Inky #1

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

Inky #2

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

Inky #3

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

Inky #4

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

Inky #5

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

Inky #6

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

Inky #7

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

Inky #8

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