

### Inky #1

|      |      |      |     |       |       |     |      |
|------|------|------|-----|-------|-------|-----|------|
| 14 + |      | 2 -  | 3 / | 1 -   | 200 × |     |      |
| 3 /  |      |      |     |       | 2 /   |     |      |
|      | 12 + | 2 /  |     | 10 +  | 5 -   | 9 + |      |
| 30 × |      | 15 × | 3 / |       |       |     | 6 -  |
|      | 8 ×  |      |     | 10 ×  | 2 -   | 2 / |      |
| 4 /  |      | 5 -  | 9 + |       |       |     | 11 + |
|      | 12 + |      |     | 105 × | 192 × |     |      |
|      |      | 6 -  |     |       |       |     |      |

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### Inky #2

|      |      |     |     |      |     |      |      |
|------|------|-----|-----|------|-----|------|------|
| 3 /  | 2 /  | 3 / |     | 5 -  |     | 20 × | 2 -  |
|      |      | 1 - | 2 / | 8 ×  |     |      |      |
| 8 ×  |      |     |     | 9 +  | 7 + | 8 +  | 10 + |
| 12 + |      | 3 - | 2 / |      |     |      |      |
| 6 ×  |      |     |     | 13 + |     | 6 ×  |      |
| 12 × |      | 9 + |     | 2 -  |     | 4 /  | 2 /  |
| 7 ×  | 12 × |     | 2 - | 2 /  | 5 - |      |      |
|      | 13 + |     |     |      |     | 1 -  |      |

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### Inky #3

|       |     |     |      |      |      |     |      |
|-------|-----|-----|------|------|------|-----|------|
| 168 × |     |     | 2 /  | 7 +  |      | 2 - | 28 × |
| 240 × |     | 3 / |      | 6 +  |      |     |      |
| 6 -   |     |     | 13 + |      | 2 /  |     | 7 +  |
|       | 4 / |     | 6 ×  |      | 4 /  |     |      |
| 2 -   | 9 + | 3 - |      | 3 /  | 60 × | 4 - |      |
|       |     |     | 56 × |      |      |     | 48 × |
| 2 -   |     | 1 - |      | 17 + | 14 × | 7 + |      |
| 2 /   |     |     |      |      |      |     |      |

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### Inky #4

|      |      |      |     |      |      |      |      |
|------|------|------|-----|------|------|------|------|
| 20 × | 21 × |      | 3 - | 4 /  |      | 4 /  | 3 -  |
|      | 9 +  | 11 + |     | 6 -  |      |      |      |
| 9 +  |      |      | 2 - | 10 + |      | 5 +  |      |
|      | 2 /  | 2 /  |     | 1 -  | 13 + | 56 × |      |
| 10 + |      |      | 4 / |      |      | 40 × | 24 × |
|      | 40 × |      |     | 9 ×  |      |      |      |
| 12 × |      | 3 -  |     |      | 3 -  | 7 +  |      |
|      | 2 /  |      | 2 / |      |      | 4 -  |      |

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Fill in the blank squares so that each row and each column contain all of the digits 1 thru 8.

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

|       |     |      |      |     |      |      |     |
|-------|-----|------|------|-----|------|------|-----|
| 9 +   | 1 - |      | 12 + |     | 3 /  | 20 × | 7 + |
|       | 2 / | 4 /  | 11 + |     |      |      |     |
| 6 ×   |     |      |      | 5 - | 3 -  |      | 1 - |
|       | 4 / | 3 -  |      |     | 56 × | 8 +  |     |
| 480 × |     | 24 × | 2 /  |     |      |      | 1 - |
|       | 3 - |      | 6 -  |     | 24 × |      |     |
|       |     | 84 × | 22 + |     | 3 /  | 9 +  |     |
|       |     |      |      |     |      | 6 ×  |     |

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### Inky #6

|      |      |     |       |      |      |      |      |
|------|------|-----|-------|------|------|------|------|
| 14 + |      |     | 2 /   |      | 2 -  |      | 2 -  |
| 2 -  |      | 9 + | 28 ×  |      | 6 +  |      |      |
| 7 +  |      |     | 9 +   |      | 1 -  | 2 -  |      |
|      | 42 × |     |       | 40 × |      | 56 × |      |
| 23 + |      |     |       |      | 36 × | 2 /  | 28 × |
|      |      | 4 / |       |      |      |      |      |
|      | 1 -  |     | 336 × |      | 3 -  | 9 +  |      |
| 8 ×  |      | 2 / |       |      |      |      |      |

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### Inky #7

|       |     |      |      |      |       |      |     |
|-------|-----|------|------|------|-------|------|-----|
| 2 /   |     | 35 × | 30 × | 14 + |       |      | 1 - |
| 2 /   | 4 - |      |      |      | 6 -   |      |     |
|       |     | 2 /  | 2 /  |      | 9 +   | 8 +  |     |
| 9 +   | 2 / |      | 5 -  |      |       | 9 +  | 3 - |
|       |     | 13 + |      | 10 + |       |      |     |
| 1 -   |     | 8 ×  | 20 × | 4 /  |       | 4 -  |     |
| 3 /   |     |      |      |      | 168 × | 2 -  |     |
| 168 × |     |      |      |      |       | 10 × |     |

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### Inky #8

|      |      |       |      |      |     |      |      |
|------|------|-------|------|------|-----|------|------|
| 4 /  |      | 192 × | 29 + | 10 + |     |      | 5 -  |
| 5 -  |      |       |      |      | 4 - | 4 -  |      |
|      | 5 +  |       |      | 3 -  |     |      | 13 + |
| 3 -  | 11 + | 15 ×  | 2 /  |      | 2 - | 2 /  |      |
|      |      |       |      | 5 ×  |     |      | 24 × |
| 4 /  |      | 8 +   | 15 × |      | 2 / | 11 + |      |
| 24 × |      |       |      | 3 /  |     |      | 3 /  |
| 2 -  |      | 24 ×  |      |      | 8 × |      |      |

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Fill in the blank squares so that each row and each column contain all of the digits 1 thru 8.

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

Hard 8x8 Inkies by Krazydad, Volume 11, Book 16

Inky #1

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

Inky #2

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

Inky #3

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

Inky #4

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

Inky #5

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

Inky #6

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

Inky #7

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

Inky #8

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