

### Inky #1

|       |      |       |       |      |      |      |      |      |
|-------|------|-------|-------|------|------|------|------|------|
| 13 +  | 2 /  |       | 2 /   | 45 x | 14 + |      | 11 + |      |
|       | 8 +  | 56 x  |       |      | 5 -  |      | 7 -  |      |
| 2 /   |      |       | 4 /   |      |      | 2 /  |      | 11 + |
|       | 7 x  | 11 +  |       | 1 -  | 2 -  | 9 +  | 2 -  |      |
| 108 x |      | 3 -   | 504 x |      |      |      |      | 2 /  |
|       | 72 x |       |       |      | 6 +  | 84 x | 8 +  |      |
|       |      | 108 x | 7 -   |      |      |      |      | 1 -  |
| 2 /   |      |       | 14 x  | 10 + |      |      | 8 x  |      |
| 1 -   |      |       |       |      | 2 -  |      |      |      |

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### Inky #2

|      |      |      |      |      |       |      |      |      |
|------|------|------|------|------|-------|------|------|------|
| 3 -  | 11 + | 9 +  | 7 -  |      | 54 x  |      | 3 /  | 11 + |
|      |      |      | 2 -  |      | 2 -   |      |      |      |
| 2 -  |      | 14 + | 30 x |      | 4 /   |      | 14 + |      |
| 24 x |      |      | 2 -  |      | 144 x | 7 -  | 3 -  | 28 x |
| 3 /  |      | 24 x |      |      |       |      |      |      |
| 54 x |      |      | 11 + |      |       | 7 +  | 6 +  |      |
|      | 3 -  | 13 + |      | 48 x |       |      | 3 -  | 11 + |
|      |      | 6 x  |      | 6 -  |       | 63 x |      |      |
| 4 /  |      | 14 + |      | 3 /  |       |      | 10 x |      |

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### Inky #3

|      |       |     |       |      |       |       |      |      |
|------|-------|-----|-------|------|-------|-------|------|------|
| 10 x | 144 x |     | 216 x |      | 2 /   | 21 x  | 13 + | 11 + |
|      | 210 x |     |       | 12 + |       |       |      |      |
| 5 -  |       |     |       |      | 5 -   | 36 x  |      | 3 -  |
|      | 7 -   |     | 4 /   |      |       | 112 x |      |      |
| 5 -  |       | 2 - | 8 +   |      | 10 +  | 7 +   |      | 15 + |
| 28 x | 13 +  |     | 6 x   | 2 -  |       |       | 3 /  |      |
|      |       | 1 - |       |      | 270 x |       |      | 12 + |
| 1 -  |       |     | 16 +  | 18 x |       |       |      |      |
| 11 + |       |     |       | 2 -  |       | 2 -   |      |      |

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### Inky #4

|       |      |      |      |       |      |      |     |      |
|-------|------|------|------|-------|------|------|-----|------|
| 1 -   | 12 x | 2 -  |      | 9 +   |      | 3 /  |     | 2 -  |
|       |      | 8 +  | 14 x | 567 x |      | 6 +  | 7 - |      |
| 1 -   | 3 /  |      |      | 7 +   |      |      |     | 54 x |
|       |      | 9 +  |      |       | 20 x |      |     |      |
| 108 x |      |      | 1 -  |       |      | 13 + | 4 / |      |
| 16 +  |      | 18 x |      | 2 -   | 5 +  |      | 9 + |      |
| 20 x  |      | 4 /  |      |       |      | 3 /  |     | 17 + |
|       | 10 x | 54 x | 4 /  |       | 24 x | 4 -  |     |      |
|       |      |      | 4 -  |       |      | 3 -  |     |      |

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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

|       |       |      |      |      |      |      |     |      |
|-------|-------|------|------|------|------|------|-----|------|
| 162 x |       |      | 3 /  | 2 -  | 11 + |      | 9 + |      |
| 9 +   |       | 2 /  |      |      | 10 + | 40 x |     | 4 -  |
| 2 -   |       |      | 4 /  | 7 x  |      | 3 /  | 2 - |      |
| 8 +   | 315 x | 24 x |      |      | 7 +  |      |     | 10 + |
|       |       |      | 48 x |      |      | 4 /  | 4 / |      |
|       |       | 4 -  | 2 -  | 1 -  |      |      |     | 9 +  |
| 2 -   | 2 /   |      |      | 56 x |      | 1 -  |     |      |
|       |       | 3 /  |      | 27 + |      |      |     |      |
| 3 /   |       | 2 -  |      | 96 x |      |      |     | 36 x |

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### Inky #6

|       |         |     |      |      |      |      |      |      |
|-------|---------|-----|------|------|------|------|------|------|
| 12 +  | 5 -     |     | 4 -  |      | 6 -  |      | 45 x |      |
|       | 4 /     |     | 3 /  | 3 /  |      | 13 + |      | 24 x |
|       | 13608 x |     |      |      | 11 + |      | 2 /  |      |
|       |         |     | 1 -  | 3 /  | 60 x |      | 3 -  |      |
| 15 +  |         | 9 + |      |      |      | 2 -  |      | 8 +  |
|       | 1 -     |     | 45 x |      | 5 -  |      | 2 /  |      |
| 120 x |         | 5 - |      | 15 + | 9 x  | 20 + |      | 12 x |
|       | 24 x    |     | 2 /  |      |      |      |      | 18 + |
|       |         |     |      |      | 20 x |      |      |      |

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### Inky #7

|       |      |      |      |       |     |      |      |      |
|-------|------|------|------|-------|-----|------|------|------|
| 12 +  |      | 6 -  |      | 30 x  | 3 / | 45 x |      | 5 -  |
|       | 16 + | 4 /  |      |       |     | 54 x | 3 -  |      |
|       |      | 16 x |      |       | 4 - |      |      | 2 /  |
| 12 +  |      | 4 -  | 24 x |       |     | 15 + | 18 x |      |
|       | 7 -  |      | 2 -  | 3 /   | 3 / |      |      |      |
| 315 x |      | 2 /  |      |       |     | 2 -  | 4 /  | 20 + |
|       | 14 + |      | 1 -  | 11 +  |     |      |      |      |
|       |      | 12 + |      | 126 x |     |      |      | 13 + |
|       |      |      | 10 x |       | 2 / |      |      |      |

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### Inky #8

|       |      |      |      |      |       |     |      |       |
|-------|------|------|------|------|-------|-----|------|-------|
| 32 x  |      | 54 x |      | 9 +  | 16 +  |     |      | 90 x  |
|       | 6 +  | 48 x | 5 -  |      | 10 +  | 4 - |      |       |
| 2 /   |      |      |      | 4 /  |       |     |      | 810 x |
|       | 11 + |      | 12 + |      | 17 +  |     |      |       |
| 540 x |      |      |      | 16 x |       |     | 11 + | 9 +   |
| 2 /   |      |      | 3 /  |      | 6 -   | 4 / |      |       |
|       | 7 -  |      | 4 -  | 3 -  |       |     | 4 /  | 3 -   |
| 2 -   | 21 x |      |      |      | 2 -   |     |      |       |
|       | 2 /  |      | 2 -  |      | 108 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.

# Answers

Inky #1

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

Inky #2

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

Inky #3

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

Inky #4

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

Inky #5

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

Inky #6

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

Inky #7

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

Inky #8

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