

# 9 by 9 MathDoku Puzzles

Fill in the numbers 1 to 9 in such that each number appears only once in each row and column. The grid is divided in so called cages with operators and target numbers. The numbers in each cages must produce the target number by using the operator of that cage.

|      |      |     |     |     |      |     |     |     |
|------|------|-----|-----|-----|------|-----|-----|-----|
| 108× |      |     | 15+ | 5-  | 8+   |     | 36× |     |
| 5+   | 5×   |     |     |     | 24×  | 28× |     |     |
|      | 144× | 4-  |     |     |      | 22+ | 12+ |     |
| 28×  |      | 72× |     | 11+ |      |     | 7+  |     |
|      |      | 7+  |     |     | 280× | 4÷  |     | 4+  |
| 8+   |      |     | 12+ |     |      |     | 3-  |     |
| 45×  | 4÷   | 21× |     |     | 9+   | 18+ |     | 15+ |
|      |      | 28+ | 7+  |     |      |     |     |     |
|      |      |     | 3-  |     |      |     | 3÷  |     |

# Answers

Fill in the numbers 1 to 9 in such that each number appears only once in each row and column. The grid is divided in so called cages with operators and target numbers. The numbers in each cages must produce the target number by using the operator of that cage.

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