

The__Great__Quiz__Book

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2024-02-27

Contents

| | |
|------------------------|----------|
| Puzzles | 2 |
| Lock Puzzles | 2 |

Puzzles

Lock Puzzles

There is a combination lock with three digits.¹ The clues are the following:

| Digits | No. of Correct Digits | Position |
|--------|-----------------------|----------|
| 964 | 2 | Wrong |
| 286 | 1 | Wrong |
| 147 | 1 | Wrong |
| 189 | 1 | Correct |
| 523 | 0 | NA |

- (a) 523 are removed by clue no. 5
- (b) 1 is removed by clue 3 & 4 (can't be in right and wrong position simultaneously)
- (c) 8 is removed by clue 2 & 4 (can't be in right and wrong position simultaneously)
- (d) 6 is correct digit by clue 2 (since 2 & are wrong)
- (e) Position of 6 is 1st (by clue 1 & 2, both wrong position)
- (f) 9 is the 3rd digit in solution by clue 4 (since 1 & 8 are incorrect)
- (g) 4 is removed by clue 1 (since two correct digits are 9 & 6)
- (h) The 2nd digit in solution is 7 (by clue 3 and since no other digit exists)

¹679