Reverse a Number – Question & Answer 9

Language / Style: Python – Mathematical Positioning

Code Snippet:

```python
import math
n = 1234
digits = int(math.log10(n)) + 1
rev = 0
for i in range(digits):
    rev += (n % 10) * (10 ** (digits - i - 1))
    n //= 10
```

Question: Is this approach valid? Explain briefly.

Answer: Yes, it uses digit positioning mathematics to reverse the number accurately.