

$$answer = 42 \quad (1)$$

$$N = answer + (E - 2) \quad (2)$$

$$E = -1 \frac{answer}{3} - 2 \quad (3)$$

$$ns = \{16, 121, 1, 169, 9, 106, 36, 111, 49, 194, 9\} \quad (4)$$

$$es = \{5, 10, 3, 1, 10, 7, 8, 9, 11, 16, 13, 7, 6\} \quad (5)$$

$$ns' = \{\sqrt{x} | x \in ns, \sqrt{x} < 10\} \quad (6)$$

$$es' = \{\frac{x}{2} | x \in es, x \% 2 = 0\} \quad (7)$$

$$N' = N + \sum_{i=0}^{\#ns'} \frac{1}{10^{i+1}} ns'_i \quad (8)$$

$$E' = E + \sum_{i=0}^{\#es'} \frac{1}{10^{i+1}} es'_i \quad (9)$$

$$(N', E') \quad (10)$$