5. Given, two non negative integers → Chosen.
Let they be a, b. then $0 \le a, b \ge 9$.

$$\text{No of ways} = 10 \times 10 = 100.$$

Probability of Sum of their squares divisible by 10
are $(1,3), (2,6), (7,1), (4,8), (3,9), (2,4), (5,5)$ are 7.

$$\text{Probability} = \frac{\text{Possible}}{\text{Total}} = \frac{7}{100}$$