

## Chapter 6



# Squares & Square Roots

**Note:**

**Palindrome:** A sentence or a numerical that reads the same forward or backward.

**Example:**

- NOON, MALAYALAM, MADAM
- 15651, 12321

**The 666.....7<sup>2</sup> pattern:**

$$67^2 = 4489$$

$$667^2 = 444889$$

$$6667^2 = 44448889$$

$$66667^2 = 4444488889$$

- (i) All the squares end with '9'.
- (ii) Number of '4's in one more than the number of '6's.
- (iii) Number of '8's is the same as number of '6's.