# Squares

## A. Choose the correct answer:

**1. The square of 9 is.**

a) 18 b) 81

c) 27 d) 36

**2. The square of an even number is always.**

a) Even b) Odd

c) Prime d) None

**3. Which of the following numbers is a perfect square.**

a) 50 b) 36

c) 45 d) 75

**4. How many digits can the square of a 2-digit number have at most.**

a) 2 b) 3

c) 4 d) 5

**5. The square of an odd number is always.**

a) Even b) Odd

c) Prime d) Composite

## B. Write the Missing Terms to Complete the Sentences:

1. The product of a number with itself is called its _____.
2. The square of 12 is _____.
3. A number ending with 2, 3, 7, or 8 cannot be a _____ square.
4. The square of a negative number is always _____.
5. The unit digit of the square of 7 is _____.

## C. Figure out the answers to these questions:

1. Find the squares of 11, 15, and 18.
2. Find two consecutive natural numbers whose squares differ by 9.
3. If $x = 13$, find the value of $x^2$.
4. Find a number whose square is 169.
5. Write all perfect squares between 30 and 100.

## D. Mark each sentence with a True (✓) or False (✗):

1. The square of 5 is 25. _____
2. The square of 11 is 111. _____
3. The square of any real number is always positive. _____
4. 49 is the square of 8. _____
5. The square of $\frac{1}{2}$ is $\frac{1}{4}$ _____

## E. Challenge yourself with these questions:

1. Find the unit digit of the square of 19.
2. If 25 is a square number, what is its square root.
3. Write the squares of first five even natural numbers.
4. Is 48 a perfect square If not, find two perfect squares between which it lies.
5. Find the square of $\frac{7}{5}$.