Square & Square Root Worksheet – 1

1. The square of 46 will have 6 at the unit's place. Mark True / False.					
a)	True	b)	False		
2. The	square roots of 1436 is 36. Mark True / False.				
a)	True	b)	False		
3. The multiplication of two perfect square is a perfect square. Mark True / False.					
a)	True	b)	False		
4. The addition of two perfect square is a perfect square. Mark True / False.					
a)	True	b)	False		
5. The	quare roots 0.4 is 0.2. Mark True / False.				
a)	False	b)	True		
6. The perfect square always greater than the number itself. Mark True / False.					
a)	True	b)	False		
7. 10000 is a perfect square. Mark True / False.					
a)	True	b)	False		
8. A perfect square can have 7 as its unit's place. Mark True / False.					
a)	True	b)	False		
9. There are 600 natural numbers between 300 ² and 301 ² . Mark True / False.					
a)	True	b)	False		
10. All numbers of a Pythagorean triplet are even. Mark True / False.					
a)	True	b)	False		
11. Which of the following is a square of an odd number?					
a)	256	b)	144		
c)	169	d)	629		
12. The sum of first p odd natural number is?					
a)	p^2	b)	2p +1		
c)	p ² -1	d)	p ² +1		
13. If one number of Pythagorean triplet is m²-1, then other numbers are?					
a)	m, m ² +1	b)	2m, m ² +1		
c)	m ² +1, m ² -1	d)	m², m²-1		

14. How many natural numbers are present in between 6^2 and 7^2 .					
a)	12	b)	14		
c)	16	b)	13		
15. Which of the following will have 4 at unit place?					
a)	14	b)	32		
c)	17	d)	25		
16. The consecutive addition of 1,3,5,7,9,11,13,15,17,19 is					
a)	100	b)	200		
c)	520	d)	110		
17. Which among 34 ² , 47 ² , 62 ² , 79 ² would end with digit 1?					
a)	34 ²	b)	62 ²		
c)	79 ²	d)	47 ²		
18. The smallest number by which 32 be multiplied to make it perfect square.					
a)	4	b)	6		
c)	2	d)	1		
19. By what least number should 126 be divided, so that quotient is a perfect square?					
a)	14	b)	13		
c)	81	d)	9		
20. Find the square root of 1225 is					
a)	65	b)	35		
c)	45	d)	75		