4.	Which of the following will have 4 at the units place?							
	(a)	14^{2}	(b)	62^{2}	(c)	27^{2}	(d)	35^{2}
5 .	How many natural numbers lie between 5 ² and 6 ² ?							
	(a)	9	(b)	10	(c)	11	(d)	12
6.	Which of the following cannot be a perfect square?							
	(a)	841	(b)	529	(c)	198		
	(d)	All of the abo	ove					
7.	. The one's digit of the cube of 23 is							
	(a)	6	(b)	7	(c)	3	(d)	9
8.	A square board has an area of 144 square units. How long is eac side of the board?							long is each
	(a)	11 units	(b)	12 units	(c)	13 units	(d)	14 units
9.	Wh	ich letter bes	t rep	resents the l	ocat	ion of $\sqrt{25}$ or	nan	number line?
	(a)	A	(b)	В	(c)	C	(d)	D
			A	В	C	D		
			\leftarrow	0 1 2 3 4	5	6 7		
10.		ne member o mbers are	of a	pythagorean	trip	let is 2m, the	en tl	he other two
	(a)	m, m^2+1						
	(b)	m^2+1 , m^2-1	(
	(c)	m^2 , m^2-1			2			
	(d)	m^2 , $m+1$						
11.	The	sum of succ	essiv	e odd numbe	ers 1	. 3, 5, 7, 9, 1	1. 1:	3 and 15 is
						., 0, 0, ., 0, 1	_, _,	
	(a)	81		64		49	(d)	36
12 .			(b)		(c)	49		36
12.	The	81	(b)	d natural nu	(c) mbe	49	(d)	36 n ² +1
	The	81 sum of first	(b) n od (b)	d natural nu n²	(c) mbe (c)	49 ers is n²-1	(d)	
	The (a)	81 sum of first $2n+1$	(b) n od (b) owin	d natural nu n²	(c) mbe (c) s a p	49 ers is n²-1	(d) (d)	
13.	The (a) Wh	81 sum of first $2n+1$ ich of the followards	(b) n od (b) owin (b)	d natural nu n² Ig numbers is 216	(c) mbe (c) s a p (c)	49 ers is n²-1 erfect cube?	(d) (d) (d)	n ² +1 8640
13.	The (a) Wh (a) The	81 sum of first $2n+1$ ich of the followards	(b) n od (b) owin (b) of a	d natural nu n² Ig numbers is 216	(c) mbe (c) s a p (c) e wit	49 ers is n²-1 erfect cube? 392	(d) (d) (d) engt	n ² +1 8640
13. 14.	The (a) Wh (a) The (a)	81 $2n+1$ ich of the foll 243 243 243 35 35 35	(b) n od (b) owin (b) of a (b)	d natural numbers is n^2 g numbers is 216 right triangle $7x$	(c) mbe (c) s a p (c) e wit (c)	49 ers is n²-1 erfect cube? 392 th its legs of l	(d) (d) (d) engt (d)	n^2+1 8640 $3x \times 4x$ is $25x$

state whether the statements are true (T) or false (F).

56 .	The cube of 0.4 is 0.064.					
57.	The square root of 0.9 is 0.3.					
58.	The square of every natural number is always greater than the number itself.					
5 9.	The cube root of 8000 is 200.					
60 .	There are five perfect cubes between 1 and 100.					
61.	There are 200 natural numbers between 100 ² and 101 ² .					
62 .	The sum of first n odd natural numbers is n^2 .					
63 .	1000 is a perfect square.					
64 .	A perfect square can have 8 as its units digit.					

65. For every natural number m, $(2m-1, 2m^2-2m, 2m^2-2m + 1)$ is a

53. The square root of 1521 is 31.

55. The square of 2.8 is 78.4.

pythagorean triplet.

66. All numbers of a pythagorean triplet are odd.

54. Each prime factor appears 3 times in its cube.

130. Find three numbers in the ratio 2:3:5, the sum of whose squares is 608.

135. Evaluate :
$$\sqrt[3]{27} + \sqrt[3]{0.008} + \sqrt[3]{0.064}$$