

Mathematics

Day: Saturday

Date: 11th April, 2020

Chapter-1

Exercise-1(c)

Ques.1 Find the first ten square numbers

Ans. firstly Definition of Square number: A square number is obtained by multiplying a number to itself.
for eg.: $2 \times 2 = 4$
 $3 \times 3 = 9$

- Ans.1
- (i) $1 \times 1 = 1$
 - (ii) $2 \times 2 = 4$
 - (iii) $3 \times 3 = 9$
 - (iv) $4 \times 4 = 16$
 - (v) $5 \times 5 = 25$
 - (vi) $6 \times 6 = 36$
 - (vii) $7 \times 7 = 49$
 - (viii) $8 \times 8 = 64$
 - (ix) $9 \times 9 = 81$
 - (x) $10 \times 10 = 100$

Ques.2 Complete the given triangles by inserting the missing numbers.

- a)
- 1
 - 2
 - 4 5
 - 7 8 9
 - 11 12 13 14
 - 16 17 18 19 20

Ans (a)

1						
2		3				
4	5		6			
7	8	9		10		
11	12	13	14		15	
16	17	18	19	20		21

(b)

11					
12					
14	15				
17	18	19			
21	22	23	24		
26	27	28	29	30	

Ans.

11						
12		13				
14	15		16			
17	18	19		23		
21	22	23	24		25	
26	27	28	29	30		31

Ques:3 State whether the following numbers are square number or not (Yes or No)

Ans-

All square numbers end in one of these digits 0, 1, 4, 5, 6 or 9

a) 381363
Ans- No, because ones digit is 3.

b) 271441
Ans- Yes, because ones digit is 1.

c) 3969

Ans Yes, because ones digit is 9.

d) 19321

Ans Yes, because ones digit is 1.

e) 613187

Ans No, because ones digit is 7.

f) 12769

Ans Yes, because ones digit is 9.

g) 45368,

Ans No, because ones digit is 8.

h) 56644

Ans Yes, because ones digit is 4.

i) 90000

Ans Yes, because ones digit is 0.