Exercise 3A

4) a) 48 - 1, 2, 3, 4, 6, 8, 12, 16, 24, 48

b) 63 - 1, 3, 7, 9, 21, 63

c) 84 - 1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42, 84

d) 108 - 1, 2, 3, 4, 6, 9, 12, 18, 27, 36, 54, 108

e) 32 - 1, 2, 4, 8, 16, 32

f) 169 - 1, 13, 169

g) 343 - 1, 7, 42, 343

h) 150 - 1, 2, 3, 5, 6, 10, 15, 25, 30, 50, 75, 150

3/7/21
C.W

5) (a) 9, 18, 27, 36, 45 and 54

b) 112

c) 75

d) 144

e) 66, 77, 88, 99, 110
121, 132, 143, 154, 165
176

f) 135, 150, 165, 180,
195, 210

Exercise 8A

6 Write down the prime numbers

a. 50 to 65

Ans) 53, 59, 61.

b. 80 to 100

Ans) 83, 89, 97

c. 110 to 125

Ans) 113

7 Write down the composite numbers

a) 70 to 80

Ans) 72, 74, 75, 76, 77, 78;

b) 100 to 110

Ans) 102, 104, 105, 106 and 108

c) 40 to 50

Ans) 42, 44 45, 46, 48, 49

8. Is 1 a prime number?

Ans/ No

9. What is smallest composite number?

Ans/ 4

10. Write the prime number which is even?

Ans 2.

11. Find the prime factors of the following numbers.

ns/

a)
3 | 27
3 | 9
3 | 3
1

So the prime factor of 27 is 3

b)
5 | 35
7 | 7
1

So the Prime factor is 5 and 7

3 | 63
3 | 21
7 | 7
1

So the prime factor is 3 and 7

2 | 100
2 | 50
5 | 25
5

So the prime factor is 2 and 5

2 | 54
3 | 27
3 | 9
3

The prime factor is 2 and 3

7 | 91
13

So the prime factor is 7 and 13

7 | 77
11 | 11
1

So the prime factor is 7 and 11

11 | 143
13

The prime factor is 11 and 13