

cw
23/07/21

Numbers

1) Divisible
by

	991	184	7065
3	✓	✗	✓
4	✗	✓	✗
5	✗	✗	✓
6	✗	✗	✗
9	✓	✗	✓
11	✓	✗	✗
12	✗	✗	✗
15	✗	✗	✓

Divisible by	Numbers		
	12480	23343	12210
3	✓	✓ ✗	✓
4	✓	✗	✗
8	✓	✗	✓
6	✓	✗	✓
9	✗	✗	✗
11	✗	✗	✓
12	✓	✗	✗
15	✓	✗	✓

Divisible 27534

by

3

✓

4

x

5

x

6

✓

9

x

11

x

12

x

15

x

2 ✓

- a) (i) 1 (ii) 2
- b) 2 2
- c) 3 2
- d) 5 1
- e) 7 2
- f) 2 9

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Exercise 8A

Q.3

- a) 8; 1008 Yes
- b) 7; 658 Yes
- c) 9; 3145 No
- d) 11; 3644 No
- e) 19; 626 No
- f) 17; 398 No
- g) 13; 4164556 No
- h) 12; 780 Yes
- i) 14; 464 No
- j) 15; 1785 Yes
- k) 13; 4103 No
- l) 16; 1936 Yes

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4. List the factors of the following

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, 16, 32~~

f) 169 ~~1, 13, 169~~

g) 343 ~~1, 7, 49, 343~~

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

~~How~~

S.

a) 9, 18, 27, 36, 45, 54

b) 11 2

c) 75

d) 144

e) 66, 77, 88, 99, 110, 121, 132,

143, 154, 165, 176

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

6)

a) 50 to 65 - 53, 59, 61

b) 80 to 100 - 83, 89, 97

c) 110 to 125 = 113

7)

a) 70 to 80 - 70, 72, 74, 75, 77, 78, 80

b) 100 to 110 - 100, 102, 104, 105, 106, 108

c) 40 to 50 - 42, 44, 45, 46, 48, 49

8) No

9) 4

10) 2

11)

a) 3

b) 5, 7

c) 3, 7

d) 7, 13

e) 2, 5

f) 7, 11

g) 2, 3

h) 11, 13