

CHAPTER-8

FACTORS AND MULTIPLES

Exercise 8 (A)

1. From the numbers given below mark the numbers which are divisible and which are not divisible by the numbers given on the left.

	Numbers						
Divisible by	99	184	7065	12480	27534	23343	12210
3	✓	✗	✓	✓	✓	✓	✓
4	✗	✓	✗	✓	✗	✗	✗
5	✗	✗	✓	✓	✗	✗	✓
6	✗	✗	✗	✓	✓	✗	✓
9	✓	✗	✓	✗	✗	✗	✗
11	✓	✗	✗	✗	✗	✗	✓
12	✗	✗	✗	✓	✗	✗	✗
15	✗	✗	✓	✓	✗	✗	✓

2. What is the smallest number which should be (i) subtracted from and (ii) added to:

a) 3646 to get a number divisible by 3

i) 1

ii) 2

b) 12642 to get a number divisible by 4

i) 2

ii) 2

c) 5213 to get a number divisible by 5

i) 3

ii) 2

d) 7427 to get a number divisible by 6

i) 5

ii) 1

e) 9466 to get a divisible number by 9

i) ~~7~~

ii) 2

f) 26,303 to get a number divisible by 11

i) 2

ii) 9