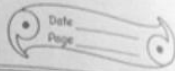
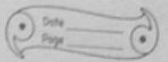


Factor and multiple  
Exercise 8 (A)



1. From the number given below mark the number which are divisible and also those which are not divisible by the number given on the left column.

Divisible by	99	184	7065	10480	27534
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

checking:  $3+6+4+6=19$

$19-1=18$  or  $19+2=21$

23243

12210

✓

✓

×

✓

×

✓

×

✓

×

×

×

✓

×

✓

b. 10242 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) 70427 to get a number divisible by 8 (i) 7 (ii) 1

e) 9466 to get a number divisible by 9 (i) 7 (ii) 2

f) 20,303 to get a number divisible by 11 (i) 2 (ii) 2