

Feb  
23/7/21

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

Divisible by	Numbers					
	99	184	7065	12480	27534	
3	✓	X	✓	✓	✓	
4	X	✓	X	✓	X	
5	X	X	✓	✓	X	
6	X	X	X	✓	✓	
9	✓	X	✓	X	✓	
11	✓	X	X	X	X	
12	X	X	X	✓	X	
15	X	X	✓	✓	X	
				23243	12210	
				✓	✓	
				X	X	
				X	✓	
				X	✓	
				X	X	
				X	X	
				X	X	
				X	✓	

2a) The smallest number which should be  
(i) subtracted from 3646 is 1 that is  
 $3646 - 1 = 3645$  which is divisible by 3.

(ii) Added <sup>to</sup> 3645 is 2 that is:  $3645 + 2 = 3647$  which is divisible by 3.

b) 12642 to get a number divisible  
by 4

(i)  $12642 - 2 = ~~12640~~ 12640$

(ii)  $12642 + 2 = 12644$

c) 5213 to get a number divisible by  
5.

(i)  $5213 - 3 = 5210$

(ii)  $5213 + 2 = 5215$

d) 7427 to get a number divisible  
by 6.

(i)  $7427 - 1 = ~~7426~~ 7426$

(ii)  $7427 + 5 = 7432$

e) 9466 to get a number divisible by 3

(i)  $9466 - 3 = 9463$

(ii)  $9466 + 2 = 9468$

Q1f) 26303 to get a number divisible by 11.

(i)  $26,303 - 2 = 26,301$

(ii)  $26,303 + 9 = 26,312$