Test for Divisibility of Numbers

Check divisibility of the following numbers by 2,4,8,5 and 10. Mark a (✓) for divisible and a (✓) for not divisible.

Number	2	4	8	5	10	3	7	6	9	Ш
2450										
59,628										
6,250										
9,01,674										
1,36,976										
3,10,100										
4,38,750										
10,20,531										
7,86,532										
7,01,69,800										
6,39,216										
10824										

2.	Choose	the	correct	option

a. 90, 20, 814 _____

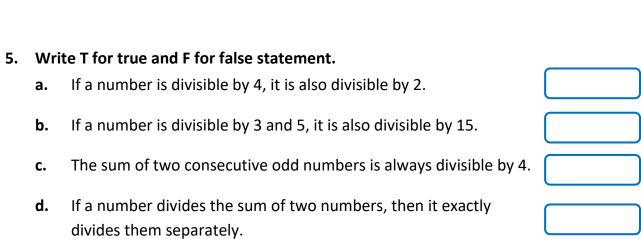
3.

	i) 652	ii) 4896				
	iii) 5086	iv) All of these				
b.	b. State which of the following numbers are divisible by 11.					
	i) 50391	ii) 8964				
	iii) 103081	iv) All of these				
Test the divisibility of following numbers by 11.						

b. 2241, 8217, 747_____

a. State which of the following numbers are divisible by 8.

4.			wing numbers, replace the sign '*' by the smallest digit to by the given number:
		157 * by 2	
	b.	6511 * 2 by 9	
	c.	637 * 8 by 8	
	d.	215 * 173 by 11	
	e.	2 * 7 * by 5	
	f.	4129 * by 3	
	g.	7158 * by 6	
	h.	260 * 2 by 4	
	i.	1305 * by 10	



6.	Fill in the blanks.						
	a.	If a number is divisible by another number then it is divisible by eaof that number.	ch of the				
	b.	If two given numbers are divisible by a number, then their di- by that number.	fference is also				
	c.	If a number is divisible by two co-prime numbers then it is divisible by thalso.					
	d.	If a number is divisible by 18, it is divisible byand	·				
7. A number which is a factor of two numbers is given below. Show that this num is also a factor of the sum of the two numbers as well as a factor of the differe of the two numbers.							
	a.	5 is a factor of 45 and 60					
	b.	7 is a factor of 84 and 112					
	c.	25 is a factor of 625 and 500					
	d.	21 is a factor of 483 and 525					
8.		rite 'T' for true and 'F' for false statement. If the ten's digit of a number is an odd number and the one's digit is 2 or 6, the number is divisible by 4.					
	b.	If a number is divisible by 4, it is also divisible by 2.					
	c.	If a number is divisible by 3, it must be divisible by 6.					
	d.	The sum of two consecutive odd numbers is always divisible by 4.					
	e.	36 + 46 is divisible by 4.					
	f.	$4 \times 5 \times 6$ is divisible by 6.					