



### 13. DIVISIBILITY

**Practice 1 slide 2** Write down the Ekadhika:

- 1) 39      2) 99      3) 119      4) 53      5) 37

**Practice 2 slide 4**

- 1) Test 63 for divisibility by 7      2) Test 83 for divisibility by 7  
3) Test 65 for divisibility by 13      4) Test 76 for divisibility by 19  
5) Test 57 for divisibility by 29      6) Test 49 for divisibility by 7

**Practice 3 slide 5**

- 1) Test 3567 for divisibility by 29      2) Test 689 for divisibility by 13  
3) Test 1855 for divisibility by 7      4) Test 11319 for divisibility by 49  
5) Test 21186 for divisibility by 99

**Practice 4 slide 6**

- 1) Test 812 for divisibility by 14      2) Test 61815 for divisibility by 65  
3) Test 1989 for divisibility by 26      4) Test 1848 for divisibility by 21

**ANSWERS  
LESSON 13**

<b>Pr 1</b>	<b>2) 10</b>	<b>3) 12</b>	<b>4) 16</b>	<b>5) 26</b>	
<b>1) 4</b>					
<b>Pr 2</b>	<b>2) no</b>	<b>3) yes</b>	<b>4) yes</b>	<b>5) no</b>	<b>6) yes</b>
<b>1) yes</b>					
<b>Pr 3</b>					
<b>1) yes</b>	<b>2) yes</b>	<b>3) yes</b>	<b>4) yes</b>	<b>5) yes</b>	
<b>Pr 4</b>					
<b>1) yes</b>	<b>2) yes</b>	<b>3) no</b>	<b>4) yes</b>		