



Changing Digits  
**WORKSHEET#10**

Make a 5x5 box according to rule:  
Next row values = Previous row values in box + 2.  
After filling the box , sum the numbers that have digits from first row separately , what do you notice ?

**1.**

1	3	5	7	9
3	5	7	9	11
5	7	9	11	13
7	9	11	13	15
9	11	13	15	17

Sum of numbers that have: digit 1 is 131 , that have digit 3 is 45 , that have digit 5 is 45 , that have digit 7 is 45, that have digit 9 is 45. Also sum of numbers that have only digit 1 is 45.

**2.**

0	2	4	6	8

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**ANSWERS**

1.

1	3	5	7	9
3	5	7	9	11
5	7	9	11	13
7	9	11	13	15
9	11	13	15	17

Sum of numbers that have: digit 1 is 131 , that have digit 3 is 45 , that have digit 5 is 45 , that have digit 7 is 45, that have digit 9 is 45. Also sum of numbers that have only digit 1 is 45.

2.

0	2	4	6	8
2	4	6	8	10
4	6	8	10	12
6	8	10	12	14
8	10	12	14	16

Sum of numbers that have: digit 0 is 40 , that have digit 2 is 40 , that have digit 4 is 40 , that have digit 6 is 40, that have digit 8 is 40. All sums have same value 40.