

*Coin Change

11 \Rightarrow 1, 5, 6, 8

$\min(0+1, 5)$ $\min(1+1, 10)$

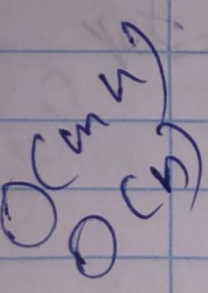
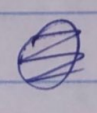
0	1	2	3	4	5	6	7	8	9	10	11
1	0	1	2	3	4	5	6	7	8	9	10
5	0	1	2	3	4	1	2	3	4	5	2
6	0	1	2	3	4	1	1	2	3	4	2
8	0	1	2	3	4	1	1	2	1	2	2

0, 5, 6

Atlas

No: _____

Date: ____/____/____

 for each place take min of current & $(curr - coinVal) + 1$. Then take the last position value.  2D or 1D array can be used.

- Can get the path by looking back the grid. If $currVal = preVal$, then look in previous.

If $currVal \neq preVal$ then curr is included. Take $curr - coinVal$ as next place to look back.