

Walk This Way Practice

We have been working on Walk This Way problems where we walk on the number line using the terminology "Step Size" and "Starting Value".

Now it is your turn.....

1. If this is my table, identify the Start Value and the Step Size:

a)

Step #	Landing
0	5
1	7
2	9
3	11
4	13

b)

Step #	Landing
1	8
2	5
3	2
4	-1
5	-4

2. For the given Start Value and Step Size, construct a table:

a) Start Value = 2
Step Size = -3

b) Start Value = -5
Step Size = 2

3. For the given table, construct a graph:

a)

Step #	Landing
0	4
1	2
2	0
3	-2
4	-4

b)

Step #	Landing
1	1
2	4
3	7
4	10
5	13

4. For the given table, write the equation:

a)

Step #	Landing
0	5
1	8
2	11
3	14
4	17

b)

Step #	Landing
1	8
2	6
3	4
4	2
5	0

5. If this is my equation tell me a story:

a) $L = 4S - 3$

L = Landing S = step number

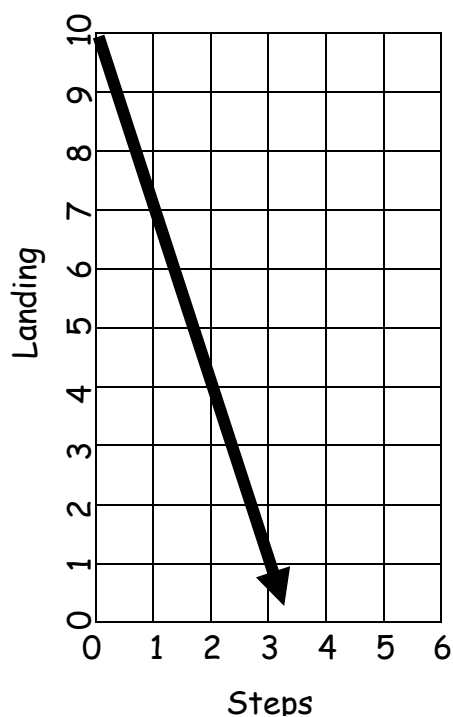
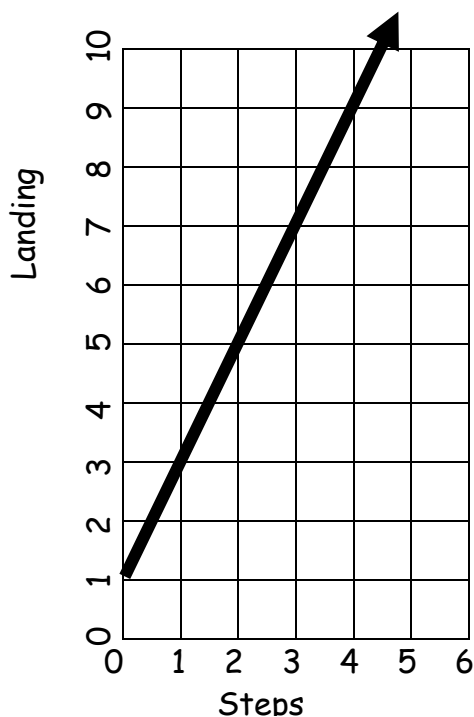
b) $L = -S + 2$

L = Landing S = step number

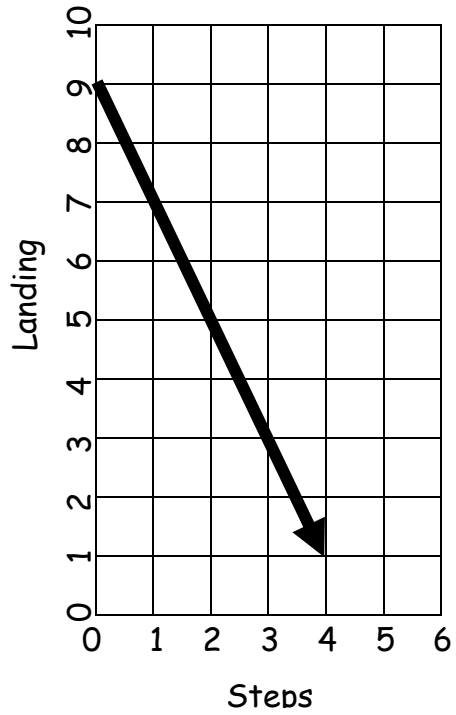
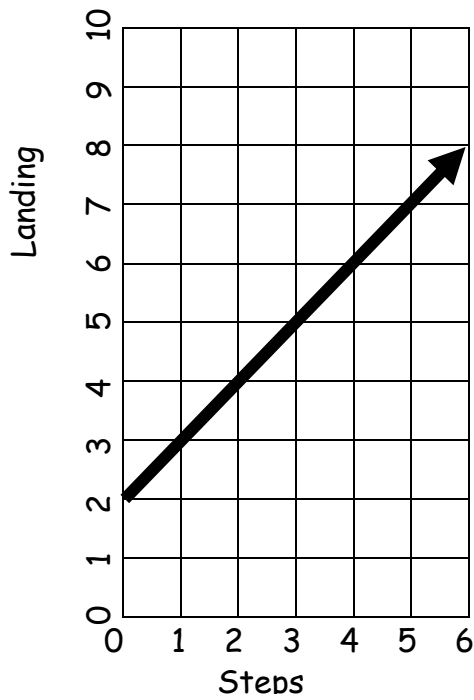
6. If this is my graph,

a) tell me a Walk This Way story

b) write an equation



7. If this is my graph, create a table



8. If this is my equation, create a table

L = Landing S = step number

a) $L = 2S - 2$

b) $L = 3S$

9. If this is my equation, create a graph

L = Landing S = step number

a) $L = 3S + 2$

b) $L = 2S - 1$