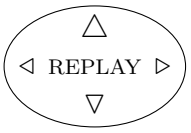
1. Follow these steps and fill in the missing values of f(X) = 2X in the table.

	What you will see on the screen	Tap
1st		MODE
2nd	1 : COMP 2 : STAT 3 : TABLE 4 : VERIF	3
3rd	f(X) =	2 ALPHA X
4th	f(X) = 2X ...	=
5th	Start? ...	1 =
6th	End? ...	7 =
7th	Step? ...	1 =

	X	f(X)	
1	1	2	
2	2	4	
3	3	6	

Hint press the arrows 

to see more

(ii) Complete this table

function	position to term rule	sequence	term to term rule
f(X) = 2X	$2n$	2 4 6	+ .....

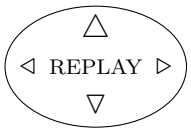
{FYI the position to term rule is also called the nth term rule}

2. Follow these steps and fill in the missing values of f(X) = 2X + 1 in the table.

	What you will see on the screen	Tap
1st		AC
2nd	f(X) = 2X	DEL DEL 2 ALPHA X + 1
3rd	f(X) = 2X + 1	=
5th	Start? 1	=
6th	End? 7	=
7th	Step? 1	=

Key
DEL = delete
ALPHA X = X

	X	f(X)
1	1	3
2	2	5
3	3	7

Hint press the arrows 

to see more

(ii) Complete this table

function	position to term rule	sequence	term to term rule
f(X) = 2X	$2n$	2 4 6 8 10 12 14	+ 2
f(X) = 2X + 1	$2n + 1$	3 5 7	+ .....

{FYI the position to term rule is also called the nth term rule}

Answers

function	position to term rule	sequence	term to term rule
f(X) = 2X	$2n$	2 4 6 8 10 12 14	+ 2
f(X) = 2X + 1	$2n + 1$	3 5 7 9 11 13 15	+ 2

When you have finished your worksheet follow the instructions on the next page

- to make the calculator work like a calculator

Instructions to make the calculator work like a calculator

Tap	What you will see on the screen	Tap
MODE	1 : COMP 2 : STAT 3 : TABLE 4 : VERIF	1