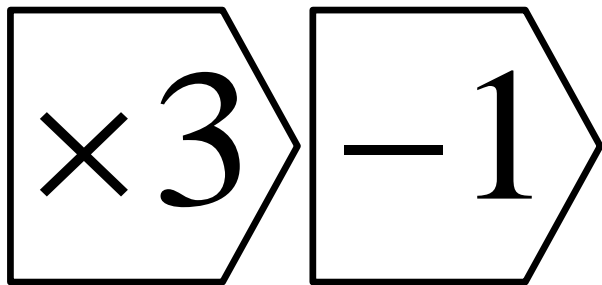


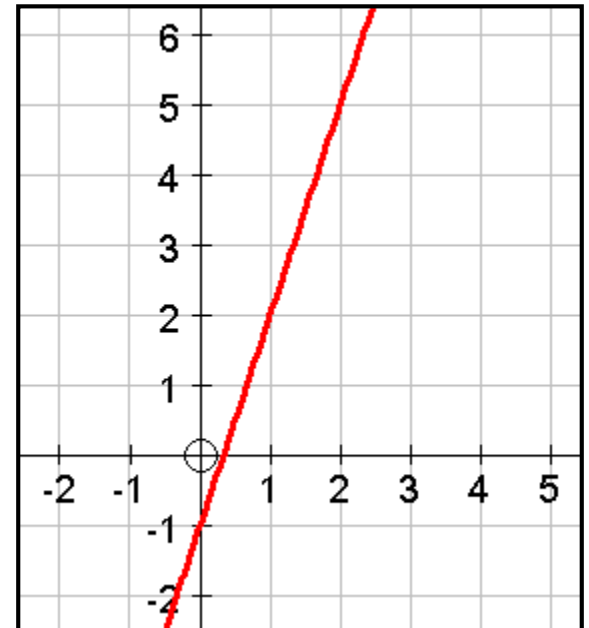
$$y + 1 = 3x$$

17, 20, 23, 26, 29...

input	output
-2	?
-1	?
0	?
1	2
2	5
3	8



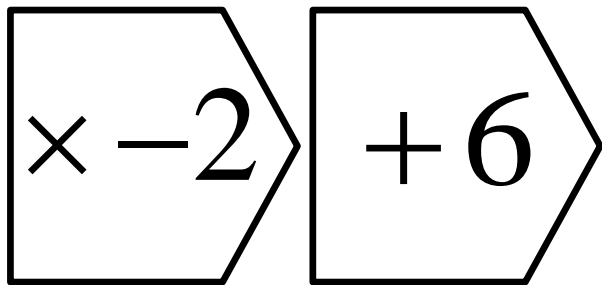
To get  $b$ , triple  $a$   
and subtract a  
unit



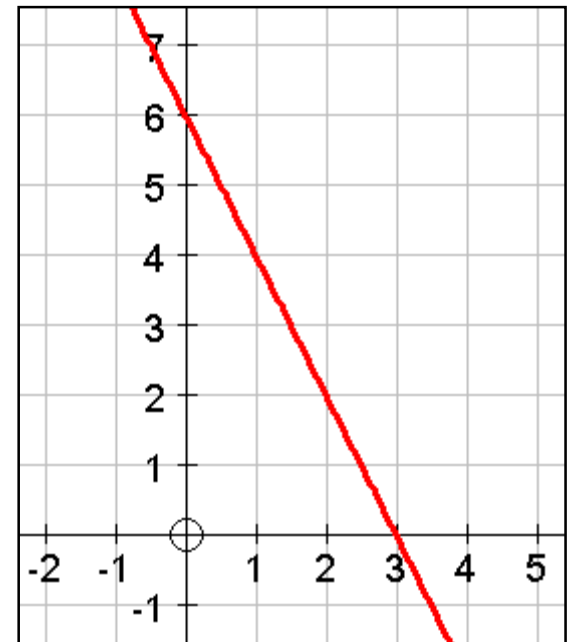
$$y + 2x = 6$$

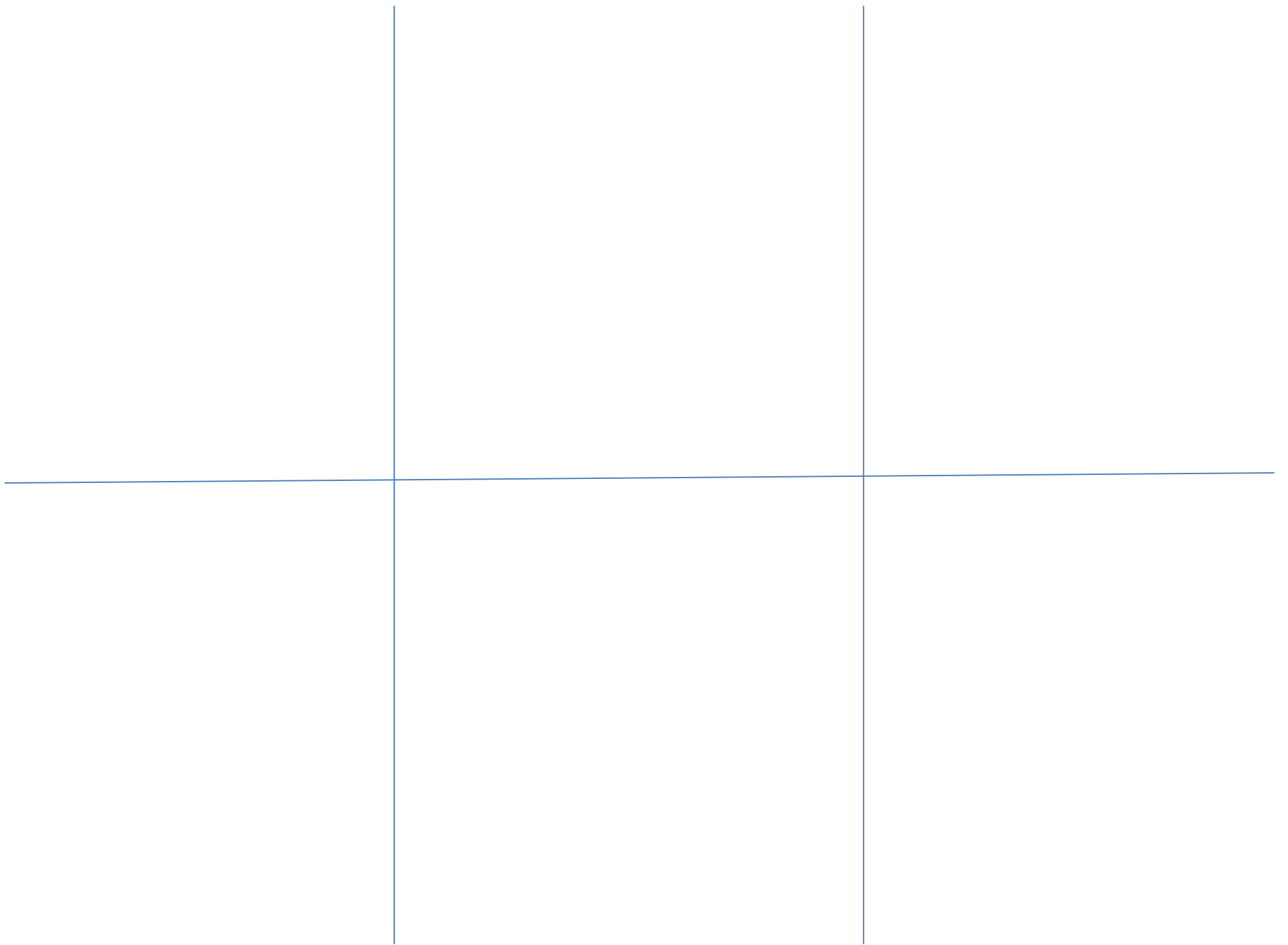
20,18,16,14,12...

input	output
-2	?
-1	?
0	?
1	4
2	2
3	0



$b$  plus two lots  
of  $a$  makes 6





# Things you could do:

- Continue the sequence
- Fill in the question marks in the table
- Rearrange the algebra  $y =$  and  $x =$
- Write the sentence using algebra
- Write the number machines as algebra
- Find some numbers that fit the algebra
- Find the rule for the sequence and make an in/out table
- Put some numbers through the number machine
- Put the letter  $n$  through the number machine
- Find some  $(x, y)$  coordinates from the graph