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not an input/output function

②

Age	Brenda
7	2
9	4
10	5
12	7

pattern - diff of 5 years

T is always 5 years older than B

③

Num	Cost
3	\$16.50
4	\$22.00
5	\$27.50
6	\$33.00

pattern - each ticket is \$5.50

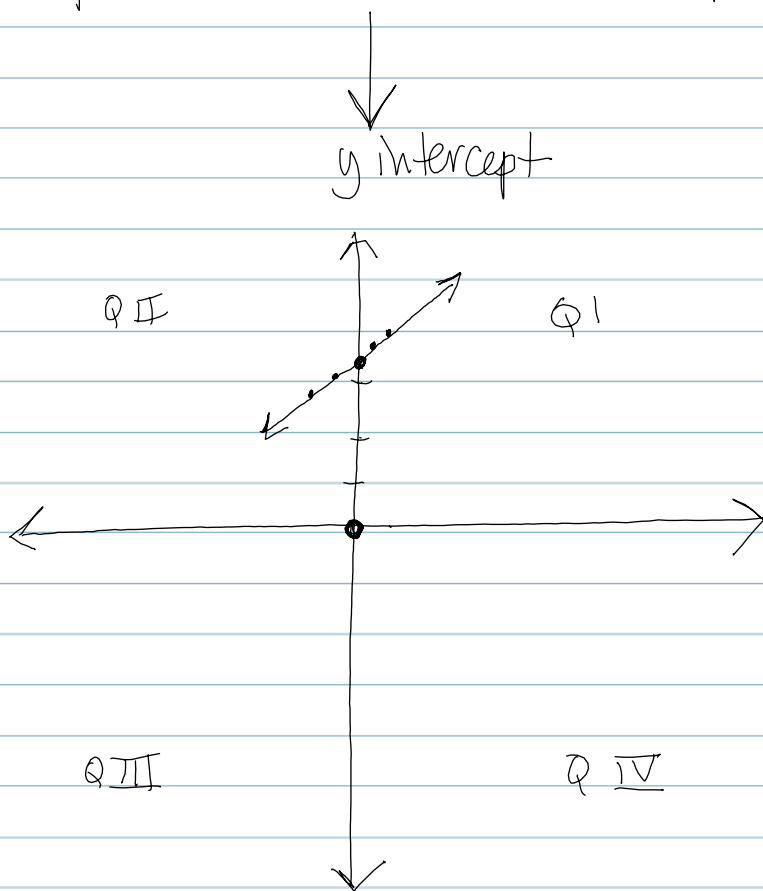
⑤

X	-2	-1	0	1	2	3	100
Y	30	31	32	33	34	35	132

- negatives
- horizontal

Function

$$y = x + 32$$



6)

input	m	0	1	2	3	4
output	n	0	-3	-6	-9	-12

~~$y = x$~~

7)

X	Y
-3	11
-2	12
-1	13
0	14 *
1	15

output input
↓ ↓

$$n = m \cdot (-3)$$

$$n = -3m$$

$$n = -3(0)$$

$$n = 0$$

$$n = -3(3)$$

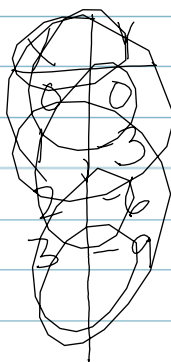
$$n = -9$$

⊕ y intercept ⊕
14

$$y = x + 14$$

$$b = a + 14$$

8)



X	Y
0	0
6	1
12	2
18	3
24	4

~~$y = \frac{6}{x}$~~

$$y = \frac{x}{6}$$

~~$y = 6x$~~

$$y = x \div 6$$

9)

input	u	0	1	2	2	1
output	v	25	24	23	22	21

$$V = 25 - X$$