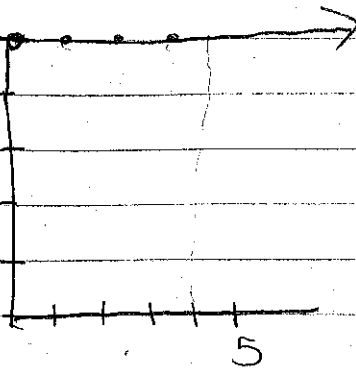


Pg. 250 (#8-16)

⑧

x	y
0	5
1	5
2	5
3	5

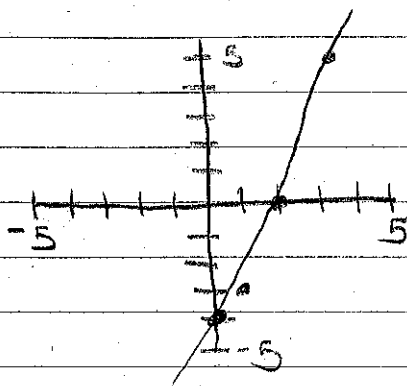


$y = 5$

* Linear

⑨

x	y
0	-4
1	-3
2	0
3	5

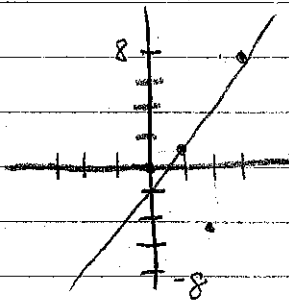


Nonlinear

* not every point lies on the line

⑩

x	y
0	0
1	1
2	-5
3	8



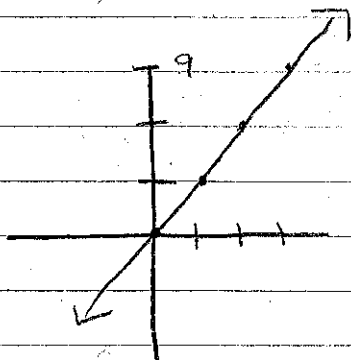
Nonlinear

* not every point lies on the line

⑪

x	y
0	0
1	3
2	6
3	9

$y = 3x$



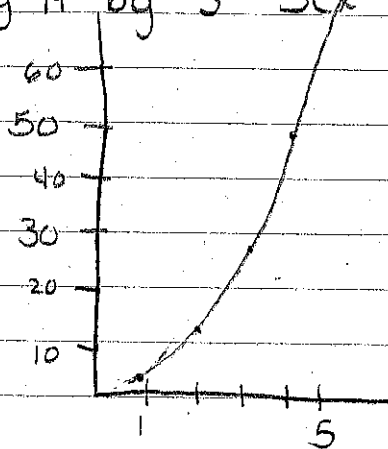
Linear

⑫

Figure Number, x	Total Small Triangles, y	Ordered Pair (x, y)
1	$\times 3$	$(1, 3)$
2	$\times 6$	$(2, 12)$
3	$\times 9$	$(3, 27)$
4	$\times 12$	$(4, 48)$
5	$\times 18$	$(5, 90)$

Square the number (x^2)
 then multiply it by 3 $3(x^2)$

$$y = 3x^2$$

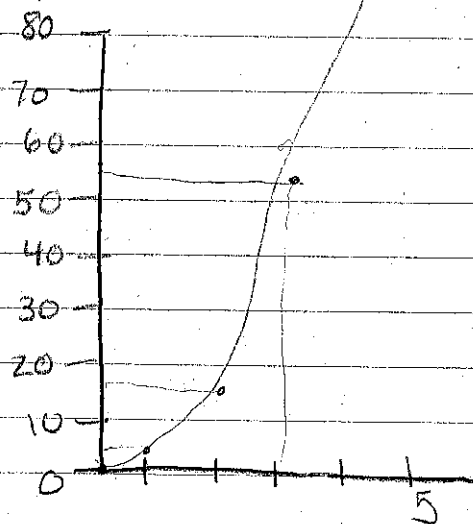


⑬

x	y
0	0
1	4
2	16
3	36
4	64
5	100

square it, then
 multiply by 4

$$y = 4x^2$$

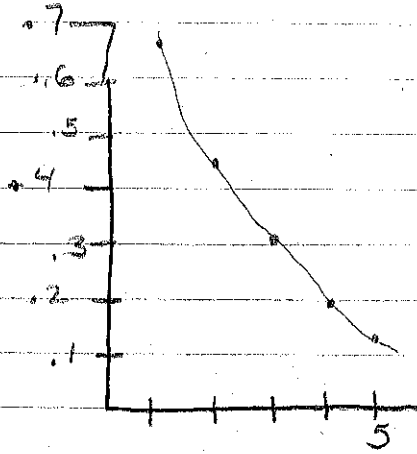


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X	y
1	$2/3$ $(\frac{2}{3})^1$
2	$4/9$ $(\frac{2}{3})^2$
3	$8/27$ $(\frac{2}{3})^3$
4	$16/81$ $(\frac{2}{3})^4$
5	$32/243$ $(\frac{2}{3})^5$

$$y = (\frac{2}{3})^x$$

x is the power that you raise $2/3$ to



15

X	y
1	2
2	16
3	54
4	128
5	250

$$y = 2x^3$$

16

X	y
0	0
1	.5
2	2
3	4.5
4	8

$$y = .5x^2$$