

1.6 HW

Remember: You ARE RESPONSIBLE TO SELF CORRECT ODDS!!

④

INPUT (x)	OUTPUT (y)
3	7
5	5
7	3
8	2

Domain:
 $x = 3, 5, 7, 8$

Range: $y = 2, 3, 5, 7$
 (Note: Put #'s LOW TO HIGH)

⑥

x	y
0	7.5
1	9.5
2	11.5
3	13.5

← This is a FUNCTION because there are NO repeating x-values.

BOTH 6 + 8 ARE FUNCTIONS

⑧

x	y
7	13
11	8
21	13
35	20

⑦ CREATE AN X-Y TABLE TO DETERMINE

1/2	0
2/3	1
3/4	3
3/5	5

THIS IS NOT A FUNCTION BECAUSE THERE ARE REPEATING X'S ($\frac{3}{4}$)

⑭ $y = x - 3$

x	y
12	9
15	12
22	19
30	27

Range:
 $y = 9, 12, 19, 27$

⑮ $y = 3x + 4$

x	y
0	4
5	19
7	25
10	34

Range:
 $y = 4, 19, 25, 34$

⑳

x	0	1	2	3
y	2.2	3.2	4.2	5.2
	+2.2	+2.2	+2.2	+2.2

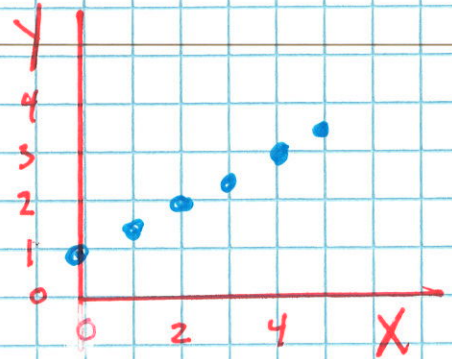
RULE: $y = x + 2.2$

1.7 HW

ALWAYS DO GRAPHS ON GRAPH PAPER

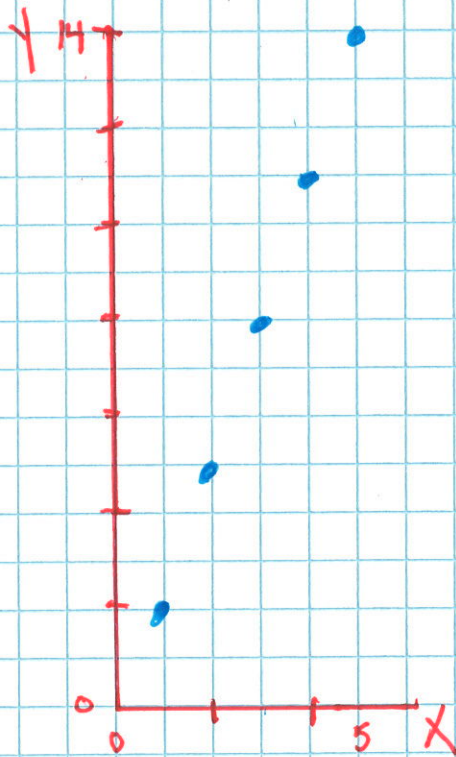
④ $Y = \frac{1}{2}X + 1$

X	0	1	2	3	4	5
Y	1	1½	2	2½	3	3½



⑥ $Y = 3X - 1$

X	Y
1	2
2	5
3	8
4	11
5	14



⑩

x	1	2	3	4	5	6
y	1	2	3	4	5	6

RULE: $Y = X$

Domain $x = 1, 2, 3, 4, 5, 6$

Range $y = 1, 2, 3, 4, 5, 6$

To write a rule from a graph create a table and look for the pattern

⑫

x	0	1	2	3
y	1	1.5	2	3.5

RULE $Y = \frac{1}{2}X + 1$

Domain $x = 0, 1, 2, 3$

RANGE $y = 1, 1\frac{1}{2}, 2, 3\frac{1}{2}$

⑳ $.53 > .50$

㉓ $1.64 < 1.66$

㉒ $3.9 < 4$

㉔ $.80 = .8$

1.7BHW

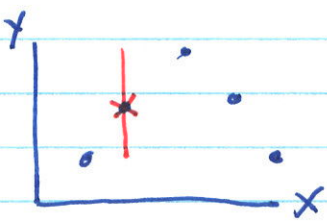
PG 50

②

X	Y
3	7
4	8
4	9
5	10
6	11

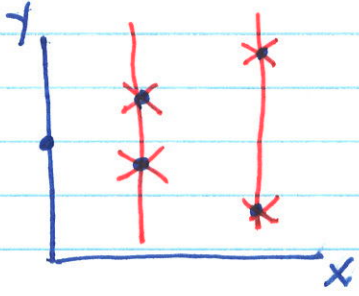
NOT A FUNCTION BECAUSE REPEATING
X VALUES (4'S)

④



FUNCTION - PASSES
V-LINE TEST

⑥



NOT A FUNCTION -
DOES NOT PASS
V-LINE TEST