Name: _____

Practice: Is It Linear? and Writing Equations from a Table

Directions: First, determine if the table represents a <u>linear</u> relationship or not. If it IS linear, write the equation of the table in slope-intercept form. If it is NOT linear, explain why not.

1)

x	y
0	6
1	8
2	10
3	12
4	14

2)

x	y
3	5
4	8
5	11
6	14
7	17

3)

x	y
4	35
8	75
12	115
16	155
20	195

4)

x	y
0	5
2	11
4	17
6	26
8	31

5)

x	y
3	9
4	12
5	15
7	21
9	27

6)

x	y
3	-6
5	2
7	10
11	26
13	34

7)

x	y
6	2
8	4
10	8
12	16
14	32

8)

x	y
0	100
5	85
10	70
15	55
20	40

9)

x	y
0	0
2	12
4	24
6	30
8	36

10)

x	y
2	10
4	13
6	16
8	19
10	22

11) How many of the tables are proportional? Which ones?

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