Algebraic Reasoning

Name:_____

Per:_____

POINTS:____

Homework #9 Quiz

Be sure to include your work when appropriate.

Determine whether or not the relationship shows a linear function. If the data set represents a linear function, write the equation for the function.

1.

x	y
1	1
2	4
3	9
4	16
5	25

2.

x	y
2	4
4	5
6	7
8	10
10	14

3.

x	y
0	2
2	4
4	8
6	16
8	32

3.

x	y
0	2
2	4
4	8
6	16
8	32

4.

x	y
0	1.7
1	1.1
2	0.5
3	−0.1
4	−0.7

4.

x	y
0	1.7
1	1.1
2	0.5
3	−0.1
4	−0.7

5.

x	y
1	8
2	11
3	14
4	17
5	20

5.

x	y
1	8
2	11
3	14
4	17
5	20