Algebraic Reasoning Name:	Algebraic Reasoning Name:
Per:	Per:
POINTS:	POINTS:
Homework #9 Quiz	Homework #9 Quiz
Be sure to include your work when appropriate.	Be sure to include your work when appropriate.
Determine whether or not the relationship	Determine whether or not the relationship

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	у
1	1
2	4
3	9
4	16
5	25

1.

for the function.

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

shows a linear function. If the data set

represents a linear function, write the equation

2.

х	y
2	4
4	5
6	7
8	10
10	14

2.

х	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.

\boldsymbol{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