

Algebraic Reasoning

Name: _____

Per: _____

POINTS: _____

Classwork #12 Quiz

Be sure to include your work when appropriate.

Write the equation for the function.

1.

x	y
0	425.6
1	766.08
2	1225.73
3	2083.74
4	3750.73

2.

x	y
0	\$2200
1	\$7500
2	\$25,000
3	\$86,000
4	\$292,000
5	\$992,000

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3.

x	y
0	61
1	28
2	16
3	9
4	7
5	2

3.

x	y
0	61
1	28
2	16
3	9
4	7
5	2

4.

x	0	1	2	3	4
y	2300.6	1173.31	586.65	287.46	137.98

4.

x	0	1	2	3	4
y	2300.6	1173.31	586.65	287.46	137.98

5.

x	y
0	45
1	67.5
2	94.5
3	151.2
4	257.04
5	359.856

5.

x	y
0	45
1	67.5
2	94.5
3	151.2
4	257.04
5	359.856