

Name: _____

Per: _____

POINTS: _____

Classwork #13 Quiz

Be sure to include your work when appropriate.

Use finite differences if the data set represents linear, exponential, quadratic, or other type function.

1.

x	$y = f(x)$
1	5
2	12
3	31
4	68
5	129

Use finite differences to determine the values a , b , and c and then write the function in standard form.

2.

x	$y = f(x)$
0	7
1	10
2	19
3	34

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Use finite differences to determine the values a , b , and c and then write the function in standard form.

2.

x	$y = f(x)$
0	7
1	10
2	19
3	34

Use finite differences to determine $f(0)$, the values a , b , and c and then write the function in standard form.

3.

x	$y = f(x)$
0	?
1	-9
2	-8
3	-1
4	12

Use finite differences to determine $f(0)$, the values a , b , and c and then write the function in standard form.

3.

x	$y = f(x)$
0	?
1	-9
2	-8
3	-1
4	12

4.

x	$y = f(x)$
0	?
1	-1
2	5
3	13
4	23

4.

x	$y = f(x)$
0	?
1	-1
2	5
3	13
4	23