

Name: _____

Per: _____

POINTS: _____

Homework #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	11
3	17
4	23
5	29

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	3
1	6
2	13
3	24

Name: _____

Per: _____

POINTS: _____

Homework #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	11
3	17
4	23
5	29

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	3
1	6
2	13
3	24

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	3
2	16
3	41
4	78

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	7
2	22
3	45
4	76

4.

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