Name _____ Date _____

Evaluating Advanced Functions - Matching Worksheet

Write the letter of the answer that matches the problem.

_____ 1. Complete the table.

f(h) = |h – 10|	
h	f(h)
6	
14	
4	
2	

_____ 2 Complete the table.

f(h) = |h – 2|	
h	f(h)
7	
13	
5	
1	

_____ 3. Complete the table.

$f(x) = x^2 + 11$	
x	f(x)
-0	
-4	
-16	
-10	

_____ 4. Use the following function rule to find f(56)

$f(x) = 8\sqrt{x} - 31$

_____ 5. Use the following function rule to find f(200)

$f(x) = 2\sqrt{x} - 56$

a.

f(h) = |h – 2|	
h	f(h)
7	5
13	11
5	3
1	1

b.

$f(x) = x^2 + 11$	
x	f(x)
-0	11
-4	27
-16	267
-10	111

c.

f(h) = |h – 10|	
h	f(h)
6	4
14	4
4	6
2	8

d. 24

e. 40