

Warm Up 4.8

1. Which of the equations fit with the table of values below. Circle all that work, there is more than one.

x	f(x)
8	14
10	18
12	22
14	26

- a. $f(x) = 4x - 18$
 b. $f(x) = 2(x - 8) + 14$
 c. $f(x) = 2x - 2$
 d. $f(x) = 4(x - 10) + 14$
 e. $f(x) = 2(x - 12) + 22$

2. Create an explicit equation for each of the tables below.

x	G(x)
52	27
53	30
54	33
55	36

x	H(x)
235	20
240	30
245	40
250	50

x	K(x)
0	5
1	15
2	45
3	135

3. Determine which pairs of equations below are equal and which are not.

$$y = 3x - 5$$

$$y = 3(x - 2) + 1$$

$$4x + 2y = -14$$

$$y = 2x + 7$$

$$y = 3(2)^x$$

$$y = 12(2)^{x-2}$$

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