

Name: \_\_\_\_\_

Date: \_\_\_\_\_

#32 Equations of Tables

Write the equation of each table below.

a.  $all + 1$

x	-2	-1	0	1	2
y	-1	1	3	5	7

$all + 2$

$m = \frac{2}{1}$  or 2     $b = (0, 3)$  or  $b = 3$

$f(x) = 2x + 3$

b.  $all + 4$

x	-6	-2	2	6	10
y	-4	-2	0	2	4

$all + 2$

$m = \frac{2}{4}$  or  $\frac{1}{2}$      $b = -1$

$f(x) = \frac{1}{2}x - 1$

3.

Number of Raffle Tickets	Total Cost of Raffle Tickets (in Dollars)
2	1
4	2
8	4
10	5

$all + 2$

$m = \frac{1}{2}$      $b = 0$

$f(x) = \frac{1}{2}x$

4.

x	y
-2	8
0	0
2	-8
4	-16

$all + 2$      $all - 8$

$m = -\frac{8}{2}$  or  $-4$      $b = 0$

$f(x) = -4x$

5.

Number of Photos Printed	Total Cost of Photos (in Dollars)
10	2
20	4
30	6
40	8

$all + 10$      $all + 2$

$m = \frac{2}{10}$  or  $\frac{1}{5}$      $b = 0$

$f(x) = \frac{1}{5}x$

6.

x	y
3	27
5	45
7	63
9	81

$all + 18$

$m = \frac{18}{2}$  or 9     $b = 0$

$f(x) = 9x$