

Name: _____

Write the slope-intercept form of the equation of each line given the slope and y-intercept.

1) Slope = $\frac{5}{2}$, y-intercept = 0

2) Slope = 1, y-intercept = 1

3) Slope = $-\frac{7}{2}$, y-intercept = 3

4) Slope = -1, y-intercept = -2

Find the slope and y-intercept for each table, and then write an equation.

5.

x	0	1	2	3	4
y	0	2	4	6	8

6.

x	0	1	2	3	4
y	3.5	4.5	5.5	6.5	7.5

7.

x	1	2	3	4	5
y	1	3	5	7	9

8.

x	0	1	2	3	4
y	5	3	1	-1	-3

9.

x	2	3	4	5	6
y	-11	-14	-17	-20	-23

10.

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