

Name: _____

Date: _____

Basic Skills
Best-Fit Lines

Draw a scatter plot of the data. Draw a best-fitting line. Then write an equation of the line.

1.

X	Y
1	2
2	5
3	5
4	8
5	11
6	12

2.

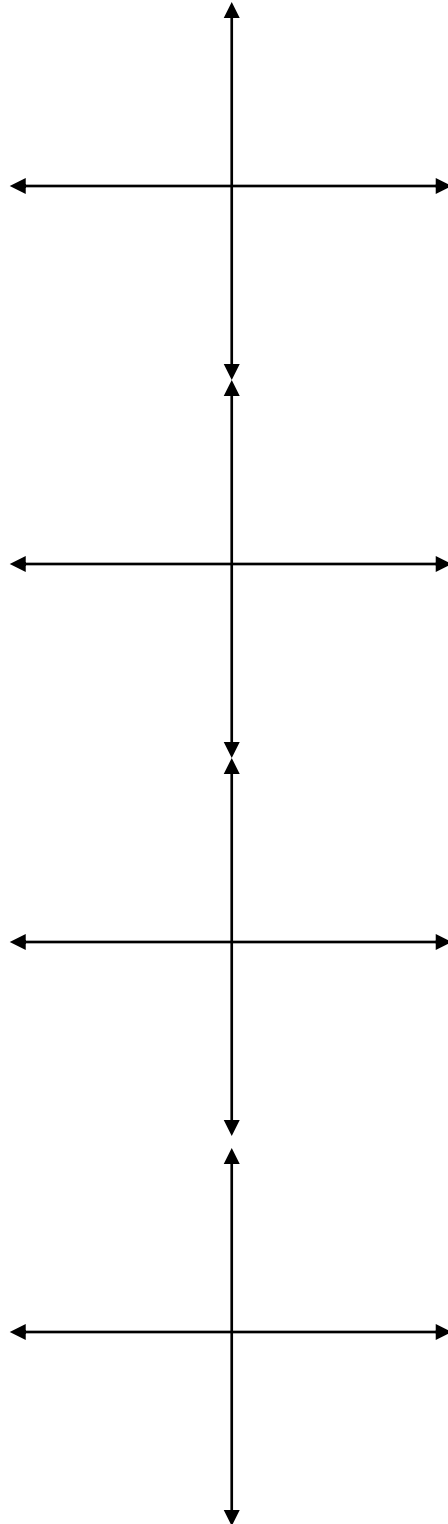
X	Y
0	-5
2	-4
3	-3
4	-1
5	0

3.

X	Y
1	1
2	0
3	-2
4	-2
5	-3
6	-4

4.

X	Y
0	0.8
1.1	2.2
1.9	2.9
2.5	3.6
3.1	4.0
4.3	5.3



5. The table below shows the average number of gallons of milk a family drinks per week. Sketch a scatter plot for this data and find an equation, and use it to find the milk consumption in one week of a 7-member family (substitute 7 for x in your equation to find your answer).

Family Size (x)	# of Gallons of Milk (y)
1	1
2	1.5
3	2.2
4	3.8
5	4.7
6	5

