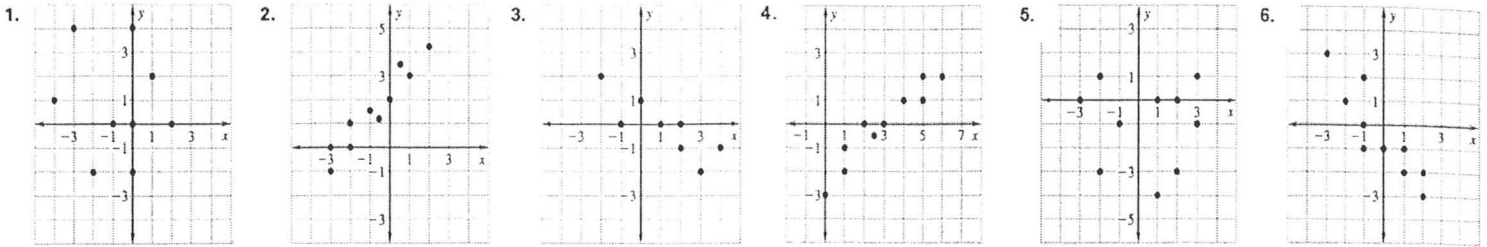


Name: _____

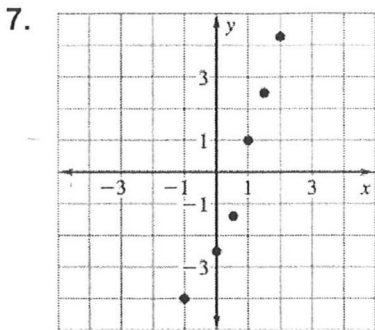
Period: _____

4.4 Best-Fit Lines Worksheet

For 1–6, state the type of correlation that each scatter plot depicts.



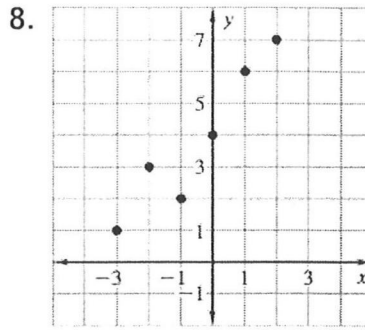
For 7–9, use a ruler to draw a best-fit line through the data. Calculate the slope (show work!) and state the y -intercept of the line you drew. Then write the equation of your best-fit line.



m : _____

b : _____

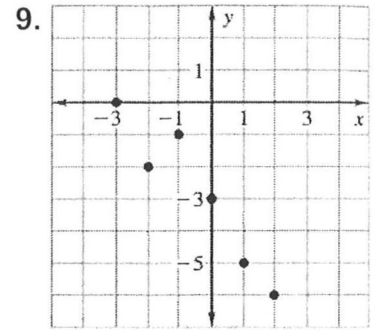
 best-fit equation



m : _____

b : _____

 best-fit equation



m : _____

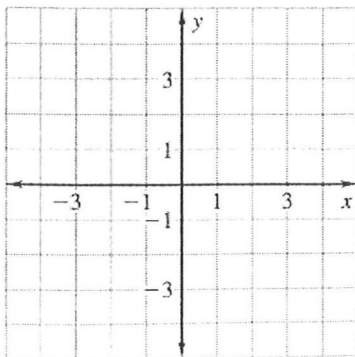
b : _____

 best-fit equation

For 10–11, plot the points from the table. Then use a ruler to draw a best-fit line through the data and write the equation of the line. Use the space to show your work.

10.

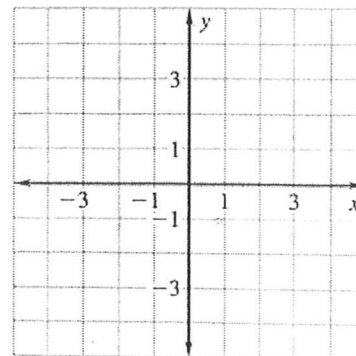
x	-2	-1	0	1	2	3
y	4	2	1	-2	-1	-2



 best-fit equation

11.

x	0	0	0.5	1.5	2	2.5
y	-4	-3	-1.5	1	3	4



 best-fit equation