Practice 10-2

Analyzing Scatter Plots
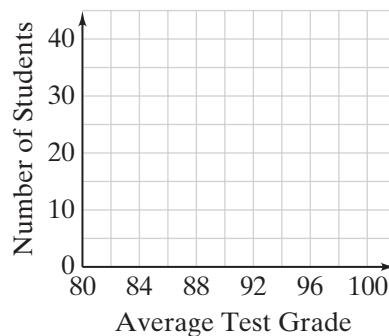
Make a scatter plot for the data in the table. Identify any clustering or outliers in the data.

1.

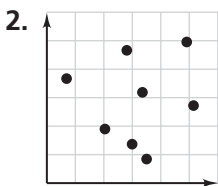| Average Test Grade	82	94	81	95	93	92	84
Number of Students in the Class	19	42	20	18	16	23	22

Clustering between _____ and _____ students

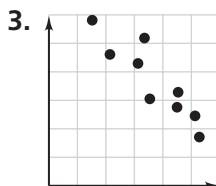Outlier(s) at (_____, _____)

Average Test Grades of Classes with Different Numbers of Students

Describe the association of each graph: *positive, negative,* or *no association.*
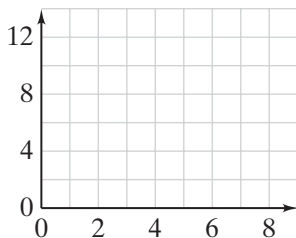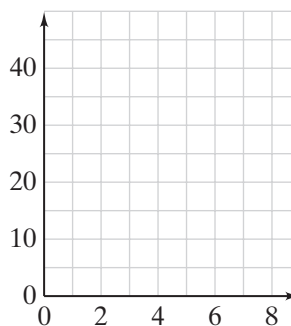
2.

_____

3.

_____

Make a scatter plot for each set of data. Tell whether the data show a linear association or a nonlinear association.

4. $(7, 0), (3, 9), (1, 12), (6, 4)$
   $(4, 6), (1, 10), (5, 6)$

_____ association

5. $(2, 30), (8, 30), (9, 50), (1, 50),$
   $(5, 15), (3, 20), (7, 20)$

_____ association