Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block \_\_\_\_\_\_\_\_\_\_\_\_

SOL 8.13 – Scatter Plots

Use the scatter plots below to answer the following questions.

Time Spent Watching TV compared to Time Spent Studying

1) Do you notice a trend in the data for class A? \_\_\_\_\_\_\_ If so, what kind of trend? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) In both classes, there is a student who spent 120 minutes studying. Did the student in Class A or in Class B spend more time watching TV? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) Make a prediction. If a student in Class B spent 50 minutes studying, about how much time did he/she probably spend watching TV? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4) Make a prediction. If a student in class A spent 80 minutes watching TV, about how much time did he/she probably spend studying? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5) Make an inference. If a student who watches a lot of TV likely to get higher grades or lower grades than a student who watches very little TV? Explain your answer.