Label each example **UNIVARIATE** or **BIVARIATE**.

 1. weight of newborn babies born at Aultman \_\_\_\_\_\_\_\_

 2. GPA and number of days absent\_\_\_\_\_\_\_\_\_\_\_

 3. scores on Mrs. R's volume test\_\_\_\_\_\_\_\_\_\_\_\_

 4. daily temperature and cost of AC\_\_\_\_\_\_\_\_\_\_\_

 5. favorite color\_\_\_\_\_\_\_\_\_\_\_\_

Label each pair of variables as **POSITIVE, NEGATIVE,** or **NO** relationship.

\_\_\_\_\_\_\_\_\_\_\_6. Length of a taxi ride and the amount of the fare

\_\_\_\_\_\_\_\_\_\_\_7. Driving speed and driving time

\_\_\_\_\_\_\_\_\_\_\_8. Hair color and weight

\_\_\_\_\_\_\_\_\_\_\_9. Outside temperature and cost of air conditioning

\_\_\_\_\_\_\_\_\_\_\_10. A child’s age and a child’s height

Label each scatter plot as showing a **POSITIVE, NEGATIVE,** or **NO** relationship.



\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Circle the outlier on each scatter plot.

 



Approximate a line of best fit. Draw a line of best fit on each scatter plot.



 1. Identify two variables between which there would be a positive association.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Identify two variables between which there would be no association.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



Draw a line of best fit. Use it to make a prediction. If a student spends 4 hours studying, predict what her score will be on the Regents exam.