

Name \_\_\_\_\_

Date \_\_\_\_\_

### **Correlation vs. Causation Worksheet - Matching Worksheet**

Label each scenario. Write "Yes" if there is a direct link between correlation and causation. Otherwise, write "No"

1. A company sampled production data of 12 weeks and it revealed that the average daily employee absentee rate increased with decrease in product defects produced.
2. A study by the city of Atlanta, Georgia and the Department of Transportation on the effect of bus ticket prices on the number of passengers riding buses increased together.
3. The organizational behavioral test to show a company's foremen the dangers of over supervising their workers. The more supervisors got involved with workers, the more interruptions that occurred in production.
4. The noise level in a News Paper Press Room when presses are running resulted in creating unhealthy levels of tension and anxiety.
5. A randomly selected 10 workers measured the amount of time they were able to maintain strenuous loading activity. Is there a direct relationship with age and stamina?
6. The traffic police gathered data of the number of minor traffic accidents and number of youth soccer games that occur in town over weekend.
7. The clothing store is looking into effect of number of salesmen in the store each hour on the hourly dollar value of clothing sold. The data shows irregular sales.
8. Mel is interested in the relationship between the prime interest rate at the beginning of a month and the number of used cars. The number of used cars Mel sold decreased with the prime rate of interest.
9. The number of working moms in Atlanta has increased every year.

