

## **Questions and Answers Compilation**

Question: A condominium building consists primarily of units that are leased out as holiday rentals by their owners. The owner of one of the units notices that if he reduces the rental price by 5%, occupancy rates increase, and his yearly profit increases by 50%. Which of the following statements are true?

**Response: Correct statements: 4 and 5. Reducing prices by all owners may decrease profit, and a minority reducing prices can increase their profit.**

Question: The chart below shows the consumption of a substance (black line) and incidence of an unwanted social behavior (red line). Select the true statement about their relationship based on the data from the chart.

**Response: Correct statement: 4. Whether one causes the other cannot be determined.**

Question: How many digits are needed to assign numbers to 283 employees using the numbers 1 through 283?

**Response: It takes 741 digits to assign numbers from 1 to 283.**

Question: Cooking oil sells in four packages with different volumes. What is the lowest price for which you could buy 5 liters of cooking oil?

**Response: The lowest price is \$11.95, achieved by buying a 5-liter package.**

Question: A waiter tracks the number of coffees sold and traffic tickets issued at a nearby intersection. Which of the following conclusions are true about the relationship?

**Response: True conclusions: 3 and 4. There is a correlation between coffee sales and traffic tickets but no causation can be established.**

Question: You supervise a team currently working on Project A, which finishes on September 30th. You need to assign two team members to Project B starting in the first week of September, lasting 5 weeks. All team members are equally capable. Who do you assign?

**Response: Assign Daniela and David. They have the best availability and minimal conflicts.**

Question: Review the travel claims for any incorrect entries based on flight pay and reimbursement policies. Which travel claims would you report to your boss as incorrect?

**Response: Incorrect claims are 3 and 5. Claim 3 has an excessive meal cost, and Claim 5 has incorrect flight pay.**