

GMAT IR Practice Test 28

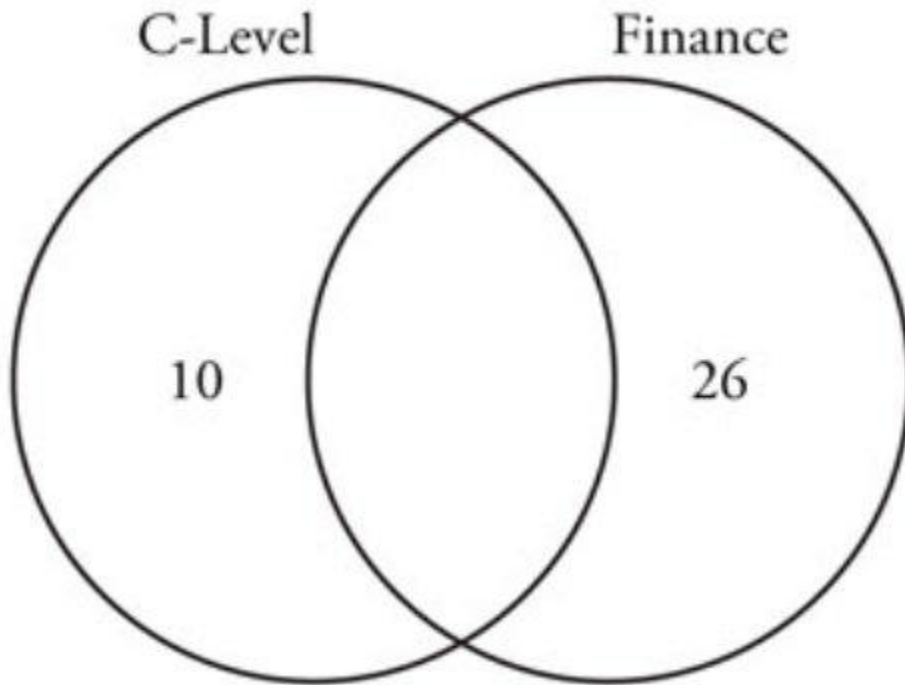
Question 1

Two high-speed printers are printing 140 annual reports of 81 pages each. Printer A prints at a rate that is 25% faster than Printer B's rate, and it takes 3 hours for both printers working together to complete the job.

Identify the per-minute page rate at which each printer prints.

Printer A	Printer B	
		28
		35
		42
		52. 5
		84
		105

Question 2



The Venn diagram above represents attendance at a Global Domination, Inc. meeting. All the executives in attendance were either C-level, involved in finance, or both. The numbers in the Venn diagram represent those executives who are exclusively C-level or exclusively involved in finance. Any executives who are both C-level and involved in finance are not represented in the Venn diagram.

Besides the executives, there were also a number of non-financial B-level managers in attendance, and total meeting attendance was 48 people. There were no other meeting attendees. Half of the executives involved in finance but not C-level were late to the conference due to a meeting of the finance division. They were the only late attendees.

Use the drop-down menus to fill in the blanks in each of the following statements based on the information given by the graph.

If there were 8 non-financial B-level managers in attendance, the probability that a randomly chosen person from the meeting is a C-level finance executive is _____.

- A. 1 in 12
- B. 1 in 11
- C. 1 in 6
- D. 1 in 4

Approximately _____ percent of the attendees were late.

- A. 10
- B. 20
- C. 27
- D. 54

Question 3

Professor: Neither good study habits nor innate intelligence is enough alone to ensure a student's good performance in the economics class; to guarantee success, a student needs both. Good study habits are useless if the student lacks the ability to grasp concepts in class and discern which information to research, and innate intelligence cannot guarantee good performance unless regularly exercised and applied through organized and diligent study methods.

Choose one statement that must be true, and one statement that must be false, based on the professor's statements above.

Must be true	Must be false	Statements
		A student will have poor performance in the economics class without both good study habits and innate intelligence.
		A student cannot have good performance in the economics class without good study habits.
		If a student has the ability to grasp concepts in class, then that student may be able to achieve good performance as long as she applies regular and diligent study methods.
		A student is guaranteed good performance in the economics class as long as that student has the abilities to both grasp concepts in class and discern which information to research.
		There are at least some students with innate intelligence who achieve good performance without regular study habits.

Question 4

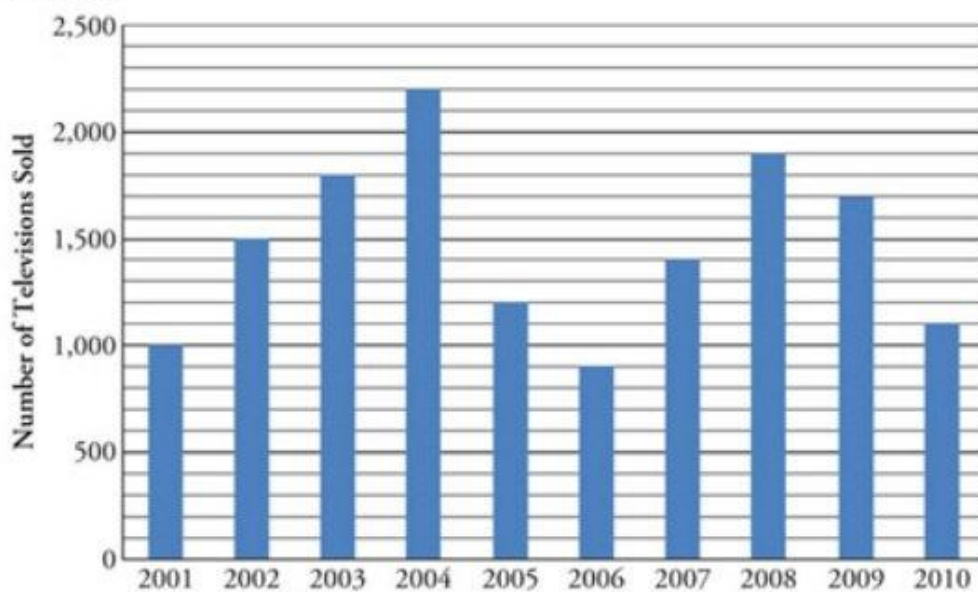
Tab 1: Email

The following email is from the accountant of a certain television store to the store's head of sales.

I've heard that you're trying to establish sales goals for your team. I thought this information could be useful. As I'm sure you know, our televisions are sold at a price of \$250. We purchase the televisions from the manufacturer at a price of \$100 and pay shipping costs of \$50 per television. Our rent is a flat rate of \$140,000 per year. Hopefully, that will help.

Tab 2: Bar Graph

The graph below gives the television sales in the store for the ten years shown.



1. Can the following statements be inferred from the information given? Select Yes if the statement can be inferred. Otherwise, select No.

Yes	No	Statements
		In 2001, the profit from television sales exceeded the cost of the rent.
		More televisions were sold in 2004 than were sold in the next two years combined.
		The store makes a gross profit of \$100 per television.

2. Determine whether each of the following statements is true based on the information above. Select True if the statement is true. Otherwise, select False.

True	False	Statements
		The profit made from television sales failed to exceed the cost of rent in less than 1/4 of the years shown.
		The number of televisions sold in 2003 increased by exactly 1/6 from the previous year.
		The total of the shipping cost and manufacturer's price of a television is exactly 2/5 of the price at which the store sells the television.

Question 5

Sort By:

University Name	Spring or Fall Tuition	Summer Tuition	Loan Amount Available	Work Study?
Audripos	\$7,300	\$5,110	\$500	No
Eastern	\$8,250	\$7,100	\$925	Yes
McClellan	\$8,050	\$6,020	N/A	Yes
Nurnelly	\$8,225	\$5,775	\$1,000	Yes
Obbsman	\$9,800	\$6,800	\$1,250	No
Western	\$7,900	\$6,050	N/A	Yes

The table shows tuition for Fall or Spring semesters and Summer semester for a number of universities. In addition, extra columns show the amount of a one-time loan, if available, and whether work-study positions are available on campus.

True	False	Statements
		Nurnelly has the lowest ratio of Summer tuition to Fall tuition of the universities that offer work study.

		For the three universities with the lowest Summer tuition, the Summer tuition is at least 30% less than the Spring tuition.
		All of the universities that provide loans offer a loan amount equal to at least 6% of the combined Fall and Spring tuition except Audripos.