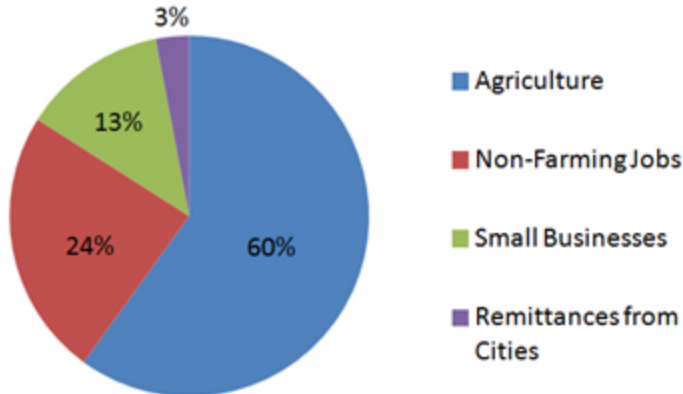# Graphics Interpretation Practice Test

Directions: *There are 8 GMAT Graphics Interpretation questions to complete in this practice test. Carefully review each of the graphs and then choose the best answer from the choices below.*
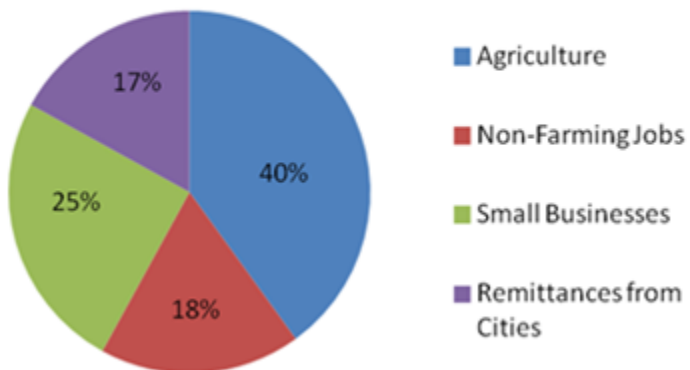
Question 1

Questions #1-2

Rural Economy in Central America - 2000

- Agriculture
- Non-Farming Jobs
- Small Businesses
- Remittances from Cities

60% 24% 13% 3%

Rural Economy in Central America - 2010

- Agriculture
- Non-Farming Jobs
- Small Businesses
- Remittances from Cities

40% 18% 25% 17%

The above pie charts give the percentages of the rural economy in a Central American country for the years 2000 and 2010.

The change in the overall earnings for non-farming jobs plus small businesses between 2000 and 2010
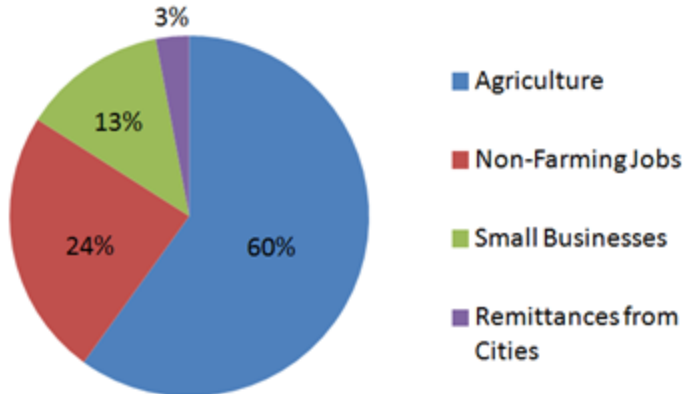
A is positive

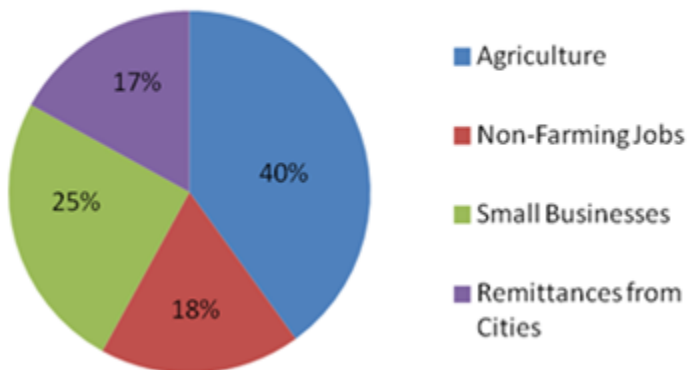**B** is negative

C is zero

D cannot be determined

Question 2

Questions #1-2

Rural Economy in Central America - 2000

3%

13%

24%

60%

- Agriculture
- Non-Farming Jobs
- Small Businesses
- Remittances from Cities

Rural Economy in Central America - 2010

17%

25%

18%

40%

- Agriculture
- Non-Farming Jobs
- Small Businesses
- Remittances from Cities

The above pie charts give the percentages of the rural economy in a Central American country for the years 2000 and 2010.

The smallest proportional change in percent between 2000 and 2010 in any segment of the rural economy was in
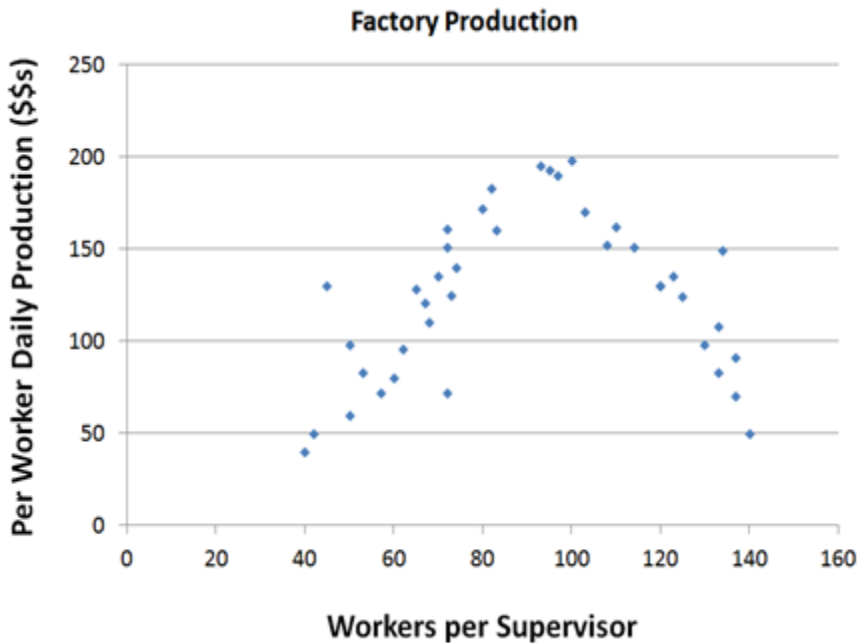
A Agriculture

B Non-Farming Jobs

C Small Businesses

D Remittances from Cities

Question 3

Questions #3-4

Factory Production

Assuming the trend in the graph stays the same over the range of workers per supervisor values, if the company were to employ 20 workers per supervisor they would likely be _____ productive than if the company were to employ 160 workers per supervisor.

A Less

B More

C Equally

Question 4

Factory Production

If it wanted to increase productivity, a company currently employing 115 workers per supervisor should consider

A   adding 15% more workers

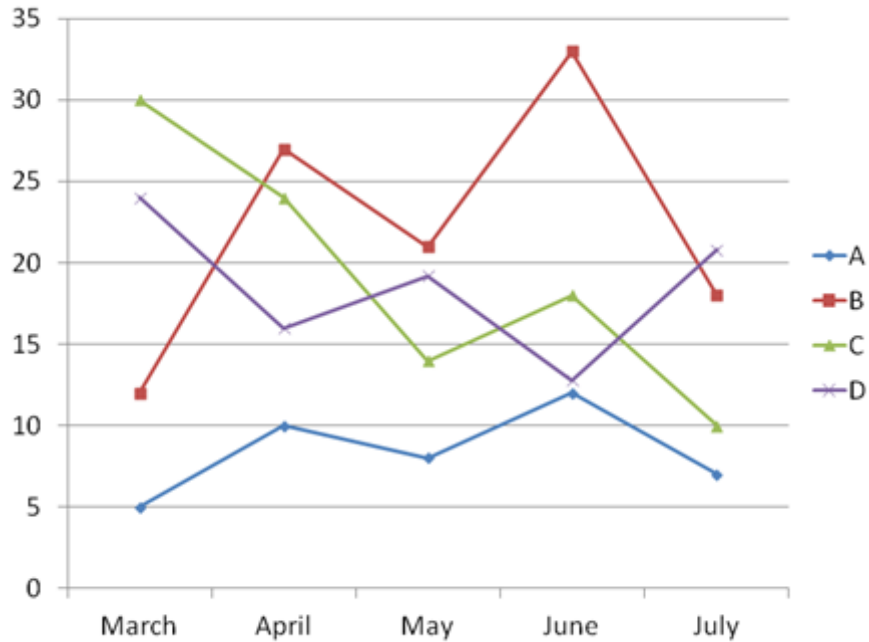B   halving the number of supervisors

C doubling the number of supervisors

D reducing the worker staff by 25%

Question 5

Questions #5-6

The above graph gives the values for 4 items measured by the police department. One represents the number of crimes reported, one represents the

number of arrests made, one represents the number of police officers on staff, and one represents the budget surplus for the department (in $1000s).

If the impact of a change enacted by the police department takes a month to register, then we can identify a negative linear relationship between B and
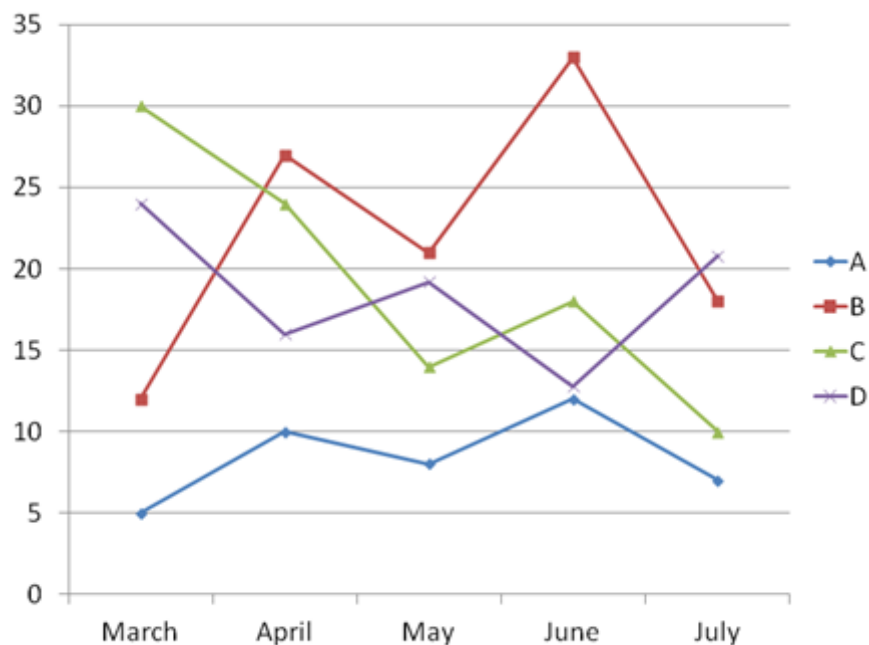
A A

B -

C C

D D

Question 6

Questions #5-6

The above graph gives the values for 4 items measured by the police department. One represents the number of crimes reported, one represents the number of arrests made, one represents the number of police officers on staff, and one represents the budget surplus for the department (in $1000s).

Given that each new police officer hired will make multiple arrests, and each new hire will immediately cut into the budget, _____ represents the department's budget surplus.

A A

B B

Question 7

Questions #7-8

Courses

Management (45)

51

42

26

36

Accounting

- Marketing
- Managerial Accounting
- Tax Accounting
- Finance
- Organizational Development
- Decision Making
- Management Processes
- Entrepreneurial Management

The above pie chart gives the number of course offerings in the business school in the four subject areas: Management, Marketing, Accounting, and Finances, and some of their subareas.

In a geometric progression, each term in the list is obtained by multiplying the previous term by a constant factor. If there are 12 Organizational Development courses, and _____ courses offered in the other subareas of Management, then the course offerings in the subareas of Management could be ordered into a geometric progression.

A 2, 8, 4

B 15, 18

C 13, 11, 10

D 3, 24, 6

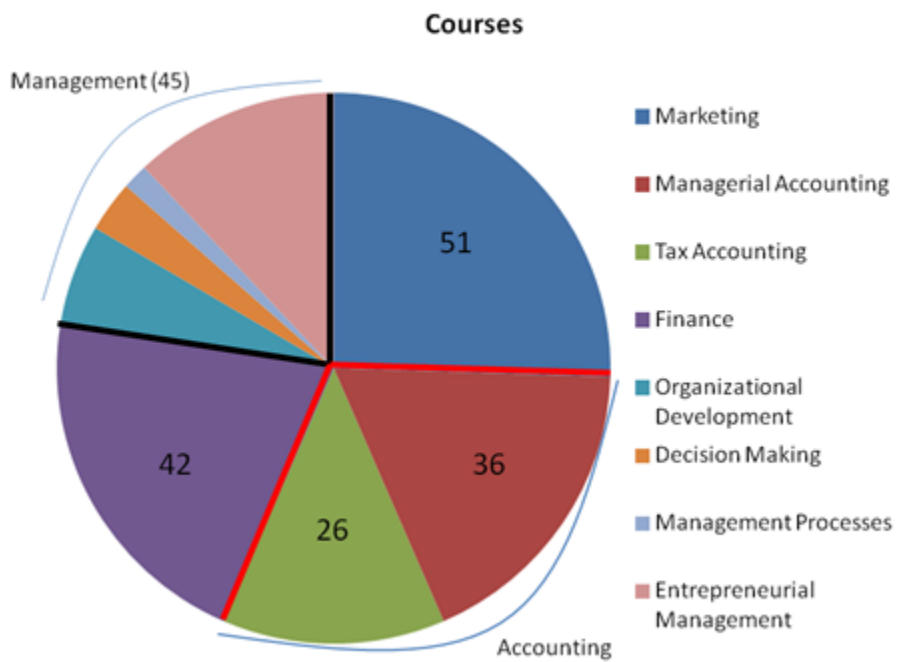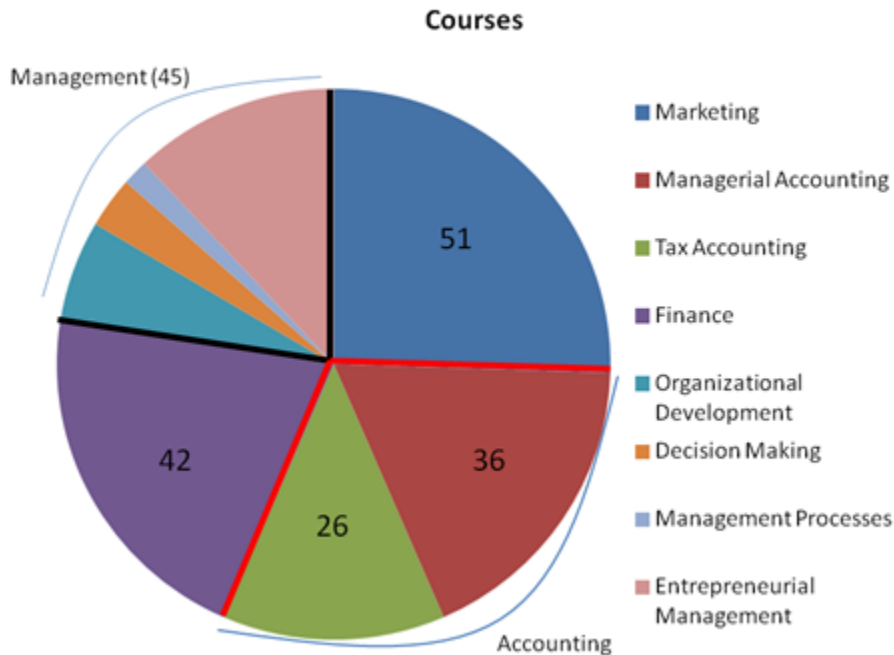**E** 4, 36

Question 8

Questions #7-8

The above pie chart gives the number of course offerings in the business school in the four subject areas: Management, Marketing, Accounting, and Finances, and some of their subareas.

A student, randomly selecting two courses, has an approximately _____ chance of selecting one management and one tax accounting course.

A 2.9%

Two-Part Analysis Practice Test

Directions: *Read the information presented in our GMAT Two-Part Analysis practice test, and then select* **two answers** *from the choices below.*

Question 1

Team Legato is competing against Team Forte in a musical duets competition where two members from each team play a song together. Prizes are awarded for first, second, and third place to the three winning duets overall, and not for the three best duets on each individual team. Team Legato has 1/4 as many members as Team Forte.

- From the choices below, identify the number of members on each Team if there are 15 duos competing in total.

A 4

B 6

C 12

D 14

E 24

F 30

Question 2

Team Legato is competing against Team Forte in a musical duets competition where two members from each team play a song together. Prizes are awarded for first, second, and third place to the three winning duets overall, and not for the three best duets on each individual team. Team Legato has 1/4 as many members as Team Forte.

- Identify the number of possible duos on each team if there are 60 members of Team Forte.

A 105

B 370

C 705

D 770

E 1105

Question 3

Team Legato is competing against Team Forte in a musical duets competition where two members from each team play a song together. Prizes are awarded for first, second, and third place to the three winning duets overall, and not for the three best duets on each individual team. Team Legato has 1/4 as many members as Team Forte.

- If there are 20 duos competing, identify the closest approximate number of possible different arrangements of medal winners if it is not possible for one team to "sweep" the awards and Team Legato must come in first, and the number of possible different arrangements of medal winners if there are half as many participants.

A 10,000

B 100,000

C 500,000

D 1 million

E 1.5 million

F 3 million

Question 4

Clearwater State Bank is offering an introductory 20% interest rate on a new account, which will compound semi-annually for the first two years, then compound 5% annually thereafter. Customer 1 deposits $100 in that account to start. To compete, Clearwater Credit Union is offering a similar offer. Their newest account offers an introductory rate of 15% compounded quarterly for the first year, and a rate of 6% compounded quarterly thereafter. Customer 2 deposits an unknown amount with Clearwater Credit Union. After two years, the customers had an equal amount saved.

- From the choices below, identify the amount Customer 1 will have in Clearwater State Bank after one year, and the amount Customer 1

will have after 21 months if he moves his balance at the end of the first year to Clearwater Credit Union. Make two selections.

A 121

B 135

C 168

D 186

E 208

F 220

Question 5

Clearwater State Bank is offering an introductory 20% interest rate on a new account, which will compound semi-annually for the first two years, then compound 5% annually thereafter. Customer 1 deposits $100 in that account to start. To compete, Clearwater Credit Union is offering a similar offer. Their newest account offers an introductory rate of 15% compounded quarterly for the first year, and a rate of 6% compounded quarterly thereafter. Customer 2 deposits an unknown amount with Clearwater Credit Union. After two years, the customers had an equal amount saved.

- From the choices below, identify the closest approximate amount the first customer's investment was worth after four years, and the difference in value of each customer's investment after four years. Make two selections.

A 3

B 30

C 80

Question 6

Clearwater State Bank is offering an introductory 20% interest rate on a new account, which will compound semi-annually for the first two years, then compound 5% annually thereafter. Customer 1 deposits $100 in that account to start. To compete, Clearwater Credit Union is offering a similar offer. Their newest account offers an introductory rate of 15% compounded quarterly for the first year, and a rate of 6% compounded quarterly thereafter. Customer 2 deposits an unknown amount with Clearwater Credit Union. After two years, the customers had an equal amount saved.

- From the choices below, identify approximately how much extra Customer 1 would earn by keeping his money in Clearwater State Bank for four years versus two years, and also identify the difference in the final balances if he moved his investment to Clearwater Credit Union halfway through the four years. Make two selections.

A 15

B 19

C 111

D 224

E 233

F 458