

GMAT IR PRACTICE PAPERS

TWO-PART ANALYSIS

Q: 1

Between 2008 and 2012, the number of computer science teachers decreased despite a jump in computer science majors from 400 in 2008.

In the given expressions, T and S represent the percent change in the number of teachers and computer science students, respectively, over the four years and R represents the the number of computer science students per teacher in 2008.

Percent change in a quantity X is calculated using the formula $(X_{\text{recent}} - X_{\text{old}}) / X_{\text{old}} * 100$.

Select the expression that represents the number of teachers in 2012 and select the expression that represents the number of computer science students per teacher in 2012.

# of Teachers in 2012	# of Computer Science Students per Teacher in 2012	
<input type="radio"/>	<input type="radio"/>	$(400R)(100 - T) / 100$
<input type="radio"/>	<input type="radio"/>	$R(100 + S) / (100 + T)$
<input type="radio"/>	<input type="radio"/>	$1/R$
<input type="radio"/>	<input type="radio"/>	$R(100 - T) / (100 + S)$
<input type="radio"/>	<input type="radio"/>	$400R(100 + T) / (100 + S)$

Q: 2

In recent years, bee populations have been dropping rapidly, partly due to a phenomenon known as Colony Collapse Disorder. Scientists also fear pesticides are destroying bee populations, but it is not clear how they are causing damage.

In the first of the Science studies, a University of Stirling team exposed developing colonies of bumblebees to low levels of a chemical pesticide called imidacloprid, and then placed the colonies in an enclosed field site where the bees could fly around collecting pollen under natural conditions for six weeks. A control group was not exposed to imidacloprid.

At the beginning and end of the experiment, the researchers weighed each of the bumblebee nests - which included the bees, wax, honey, bee grubs and pollen - to see how much the colony had grown. Compared to control colonies not exposed to imidacloprid, the researchers found the treated colonies gained less weight, suggesting less food was coming in. The treated colonies were on average eight to 12 percent smaller than the control colonies at the end of the experiment, and also produced about 85 percent fewer queens - a finding that is key because queens produce the next generation of bees.

From the previous paragraph, which of the following changes to the bee can be inferred to have happened, and which can be inferred to NOT have happened. Make only two selections, one in each column.

Happened	Did Not Happen	
<input type="radio"/>	<input type="radio"/>	Imidacloprid slowed down the bee's physical movement
<input type="radio"/>	<input type="radio"/>	Bee's immune system adapted to the Imidacloprid
<input type="radio"/>	<input type="radio"/>	Imidacloprid inhibited the bee's ability to pollinate flowers

<input type="radio"/>	<input type="radio"/>	Imidacloprid increased the bee fertility rate
<input type="radio"/>	<input type="radio"/>	Imidacloprid affected the bee's ability to bring home food

Q: 3

Web 2.0 symposium is looking to Silicon Valley for some tech developers to talk about the latest disruptions in our technology-based world today. There will be a morning session and an afternoon session. Each session will have 5 developers. To reflect the diverse changing world of programming, the majority of the developers in one of these sessions will be developers who are not web developers, but rather one of the other types. In the other session, at least 4 of the developers will be women. Neither session should have more than two developers from the same company.

Morning

Mark (male, web developer, Facebook)
 Jeff (male, web developer, Amazon)
 Jenny (female, Android developer, Google)
 Jack (male, Android developer, Amazon)

Afternoon

Mike (male, web developer, Google)
 Jessica (female, iOS developer, Facebook)
 Patricia (female, Android developer, Facebook)
 Michelle (female, web developer, Amazon)

Either Session	Neither Session	
<input type="radio"/>	<input type="radio"/>	Steve (male, Android, Google)
<input type="radio"/>	<input type="radio"/>	Jeremy (male, Java developer, Cisco)
<input type="radio"/>	<input type="radio"/>	Michelle (female, Android developer, Yahoo)
<input type="radio"/>	<input type="radio"/>	Xiao (female, Android developer, Facebook)

<input type="radio"/>	<input type="radio"/>	Kylie (female, web developer, Amazon)
<input type="radio"/>	<input type="radio"/>	Maria (female, web developer, Facebook)

Q: 4

The Ultra 700i is a new racecar. The ultra consumes gasoline at a rate of P kilometers per liter (P km/L) when its steady state driving speed is at Q kilometers per hour (Q km/h).

In terms of the variables P and Q , select the expression that represents the number of liters of gasoline used in 1 hour of driving at steady state speed, and select the expression that represents the number of liters of gasoline used in a 40 km drive at steady state speed Q . Make only two selections, one in each column.

Liters of gasoline in 1 hour	Liters of gasoline in 40km	
<input type="radio"/>	<input type="radio"/>	$40p40p$
<input type="radio"/>	<input type="radio"/>	$40P40P$
<input type="radio"/>	<input type="radio"/>	$P40P40$
<input type="radio"/>	<input type="radio"/>	$PQPQ$
<input type="radio"/>	<input type="radio"/>	$QPQP$
<input type="radio"/>	<input type="radio"/>	$40Q$

Q: 5

An intercollegiate basketball tournament is hosting playoffs with 320 players. Each team has 5 players and each team plays exactly one other team and either wins or loses. The winning team advances to the next round and the losing team is eliminated. No

team or player drops out except by losing a game.

From the available options, select a number of tournament rounds and a number of teams such that after the specified number of rounds there will be a specified number of teams remaining in the tournament. Make only two selections, one in each column.

Rounds Completed	Teams Remaining	
<input type="radio"/>	<input type="radio"/>	1
<input type="radio"/>	<input type="radio"/>	2
<input type="radio"/>	<input type="radio"/>	5
<input type="radio"/>	<input type="radio"/>	10
<input type="radio"/>	<input type="radio"/>	15
<input type="radio"/>	<input type="radio"/>	20

Q: 6

Brand Manager:

The decline in sales for MangoBerry apparel has various causes. One contributing factor is the rise of competitor PeachPlay, which has recently reduced its prices by 20%. PeachPlay previously received unwanted press from a consumer reports website due to a customer complaint. PeachPlay then incurred expenses to improve its public image surrounding this complaint. PeachPlay subsequently released a catchy video that went viral and boosted positive visibility for PeachPlay - units sold subsequently doubled.

Indicate in the table which cause-and-effect sequence would most likely, according to the brand manager, result in a decline in sales for MangoBerry. Make only two selections, one in each column.

Cause	Effect	
<input type="radio"/>	<input type="radio"/>	Lowering PeachPlay prices by 20%

<input type="radio"/>	<input type="radio"/>	Raising PeachPlay prices by 20%
<input type="radio"/>	<input type="radio"/>	Growth in sales and visibility for PeachPlay
<input type="radio"/>	<input type="radio"/>	Decline in sales and visibility for PeachPlay
<input type="radio"/>	<input type="radio"/>	Release of a viral video

Q: 7

For each value of y that is greater than $43 - \sqrt{43}$ the function $f(x)$ is such that the equation $f(x) = y$ has the form $x = y^2 + 11y - 3y^2 + 11y - 3$.

Select one value for a and one value for b such that the given information implies $f(a) = b$. Make only two selections, one in each column.

a	b	
<input type="radio"/>	<input type="radio"/>	4
<input type="radio"/>	<input type="radio"/>	7
<input type="radio"/>	<input type="radio"/>	15
<input type="radio"/>	<input type="radio"/>	18
<input type="radio"/>	<input type="radio"/>	27

Q: 8

Vendor: In Country X, there are several prominent C/N/S fabric manufacturers. Each of these fabric manufacturers develops fabrics in unique combinations in order to product differentiate. The combinations vary in percentages but usually include varying ratios of cotton, nylon, and spandex (C/N/S).

We can therefore be able to determine, on the basis of compositional analysis, where the next piece of clothing that we

buy from our supplier originally came from. Once we figure that out, we can cut out the supplier and source directly from the original manufacturer.

Indicate two different statements as follows: one statement identifies an assumption required by the antique expert's argument and the other identifies a possible fact that, if true, would provide significant logical support for the required assumption.

Assumption Required	Possible Fact	
<input type="radio"/>	<input type="radio"/>	Other pieces of clothing have already been purchased from the supplier, all of which were made of the fabrics cotton, nylon, and/or spandex (C/N/S).
<input type="radio"/>	<input type="radio"/>	Some of the pieces of clothing purchased from the supplier were not made of cotton, nylon, or spandex.
<input type="radio"/>	<input type="radio"/>	Fabric manufacturers often tried to enter into each other's markets and experimented in producing batches of fabric in ratios of cotton, nylon, and spandex (C/N/S) that directly competed with the other manufacturers in Country X.
<input type="radio"/>	<input type="radio"/>	There was considerable overlap in product selection offered by the various fabric manufacturers.

<input type="radio"/>	<input type="radio"/>	The next piece of clothing to be purchased from the supplier will likely be made of only cotton, nylon, and/or spandex (C/N/S).
<input type="radio"/>	<input type="radio"/>	Most fabric in Country X was made at one of the several manufacturers.

Q: 9

Alvin (President), Brad (Vice President), Chad (Vice President), Dan (senior analyst), Ellinor (analyst), and Farsad (analyst) work at Goldly & Morgman, a corporate firm that works with consultants. The president supervises the vice president, who in turn supervises the senior analyst, who in turn supervises the analysts. There is one exception, which is that Brad does not supervise anyone. These are the only supervisory relationships involving these 6 employees.

Each proposal it receives from its consultants must be initially reviewed by exactly one employee. Each proposal reviewed by an employee must then be reviewed by that person's supervisor. No other rules require anyone else to review the proposal. Anyone not required to review a given proposal will not review it.

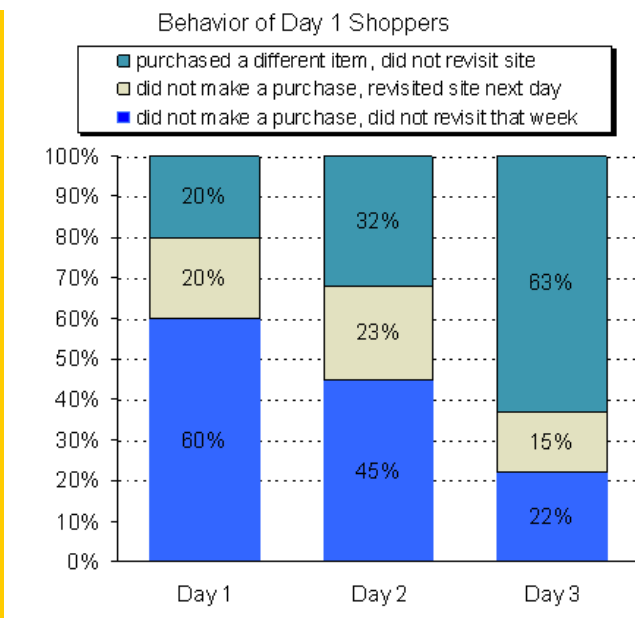
Select *Dan among reviewers* for the maximum number of employees that could have reviewed a single proposal if Dan were among the reviewers. Select *Alvin among reviewers* for the maximum number of employees that could have reviewed a single proposal if Alvin were among the reviewers. Make only two selections, one in each column.

Dan among reviewers	Alvin among reviewers	
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<input type="radio"/>	<input type="radio"/>	1
<input type="radio"/>	<input type="radio"/>	2
<input type="radio"/>	<input type="radio"/>	3
<input type="radio"/>	<input type="radio"/>	4
<input type="radio"/>	<input type="radio"/>	5
<input type="radio"/>	<input type="radio"/>	6

GRAPHICS INTERPRETATION

Q: 10



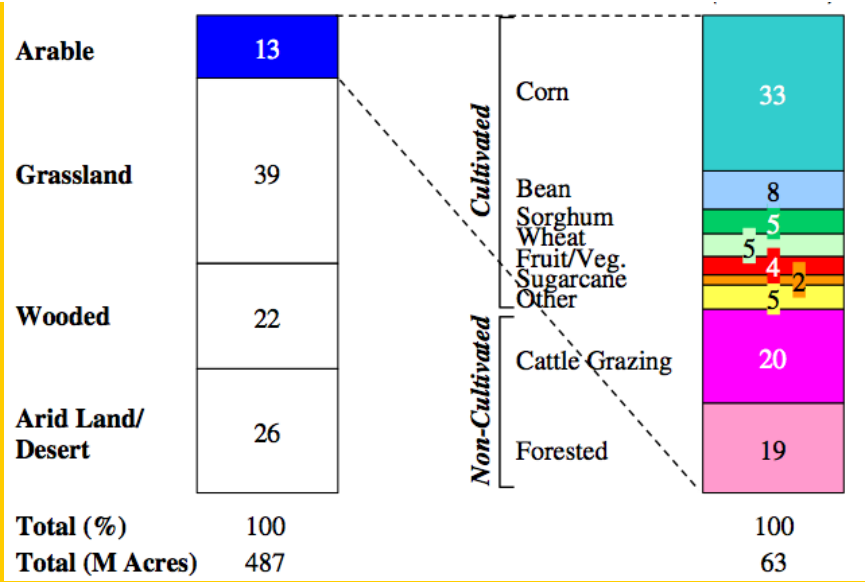
During the first week of April, the ChefZ cooking pan was out of stock at Online Retailer X. Day 1 shoppers are those shoppers who came to Online Retailer X's website seeking a ChefZ cooking pan. For each of the first 3 days of that week, the graph shows the subsequent behavior of all the Day 1 shoppers who visited Online Retailer X's website seeking ChefZ. Shoppers who came to the website and purchased a different item in lieu of ChefZ paid an average of 25% more for the item.

From each drop-down menu, select the option that creates the most accurate statement based on the information provided.

A) % of Day 1 shoppers visited the site on Day 3.

B) Shoppers at Online Retailer X who purchased substitute items on Day 1 and Day 2 paid a total amount that was approximately % of the total all Day 1 shoppers would have paid had each of them been able to purchase ChefZ on Day 1.

Q: 11



Cultivated Farmland

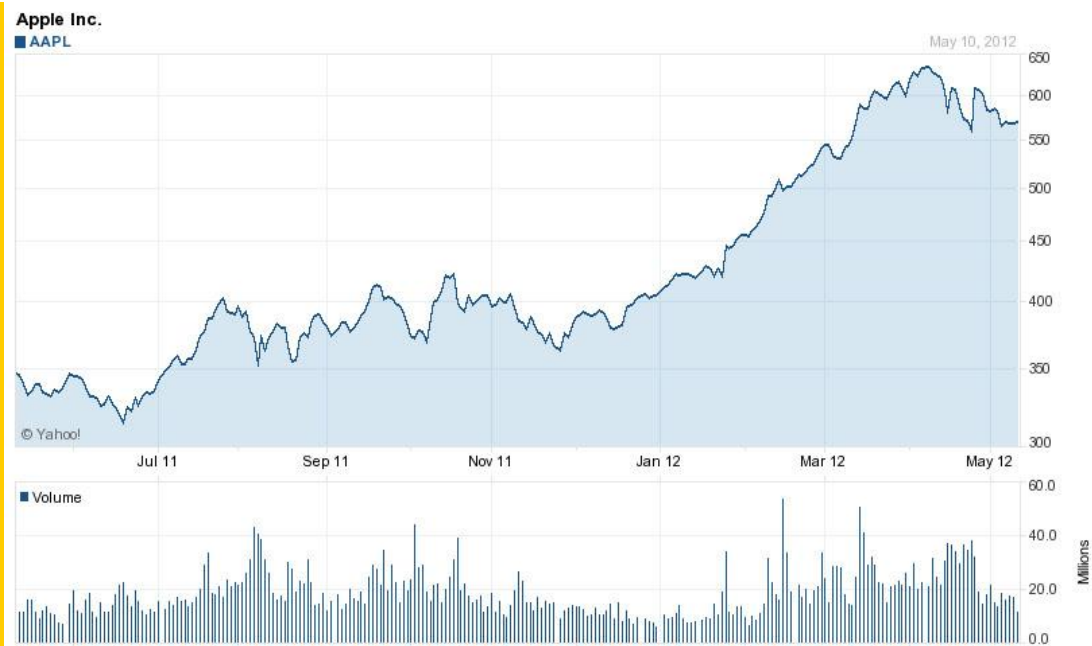
The diagram shows two bar charts representing Country X's allocation for farmland in terms of percentages of and number of acres. The right side is a magnification of a portion of the bar chart to the left.

Fill each blank using the drop-down menu to create the most accurate statement on the basis of the information provided.

A) Cultivated Arable Land comprises % of Country X's Farmland.

B) According to the diagram, there are M acres allocated for corn production.

Q: 12



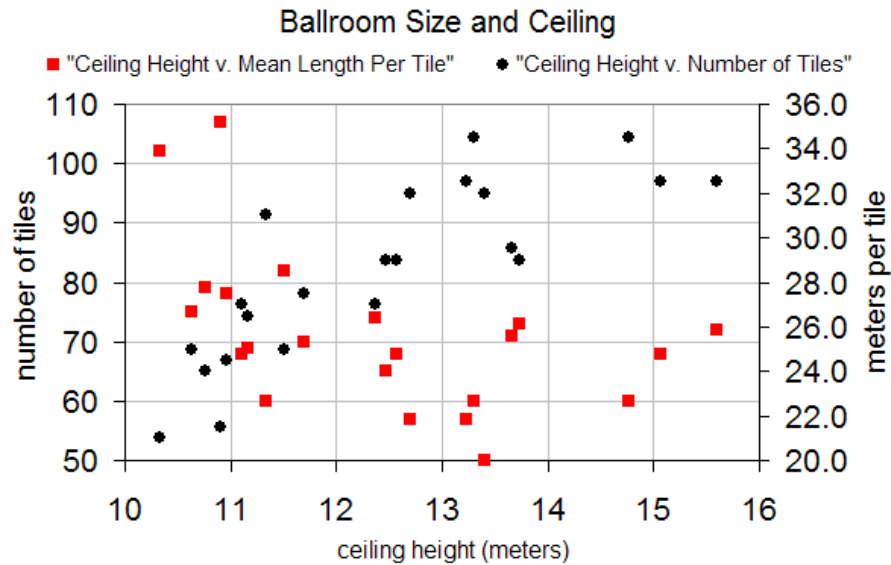
Apple Stock Price

The stock chart to the left shows the price of Apple stock from the May 2011 to May 2012. The corresponding bar graph on the bottom displays the average daily volume for Apple stock on any given day. For example, if 1 million shares of Apple were traded on a particular day where Apple was roughly at \$100 per share, then \$100M worth of Apple stock was traded that day.

A) The dollar (\$) amount of Apple stock that was traded per day near the trough of the stock in June of 2011 was closest to of the dollar amount of Apple stock that was traded just after the stock peaked in April of 2012 and trended lower.

B) How many of Apple's 75 percentage point increase in stock price from Dec 2011 to the peak in April 2012 was erased by the following decline from 630 to 555?

Q: 13



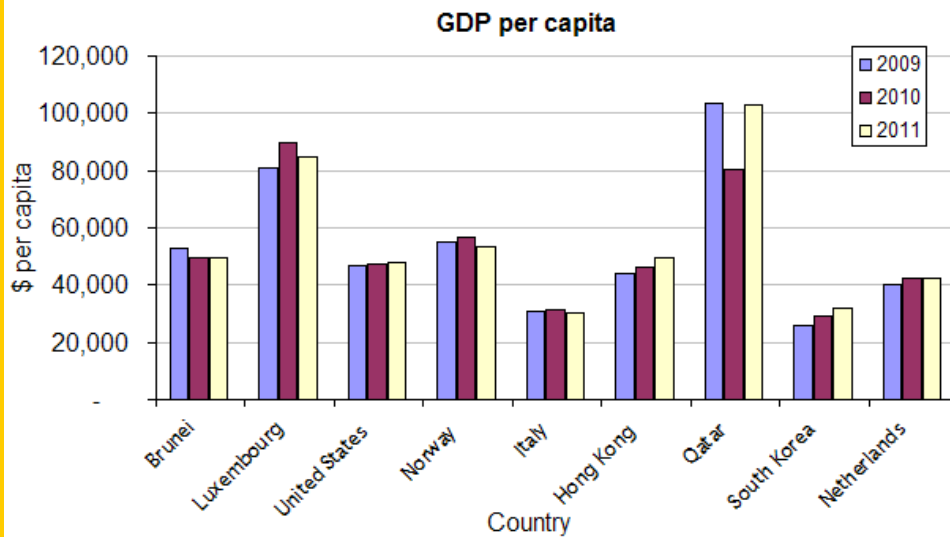
In Country X, a ballroom is classified as Category C if it has a ceiling of at least 10 meters. In the graph, each of the 22 Category C ballrooms is represented by two points arranged vertically: one representing the comparison of the height of the ballroom's ceiling to the number of tiles in the ballroom area (black circles), the other representing the comparison of the height of the ballroom's ceiling to the mean length per tile in the ballroom area (red squares).

Based on the given information, use the drop-down menus to most accurately complete the following statements about Category C ballrooms in Country X.

A) The ballroom with the greatest mean length per ballroom tile has a ceiling height meters.

B) There is a correlation between the number of ballroom tiles and the mean length per ballroom tile.

Q: 14



GDP per person, per country, per year

For each of the years 2009, 2010, and 2011, the graph shows the GDP per capita of 9 countries. GDP is measured in international dollars (\$).

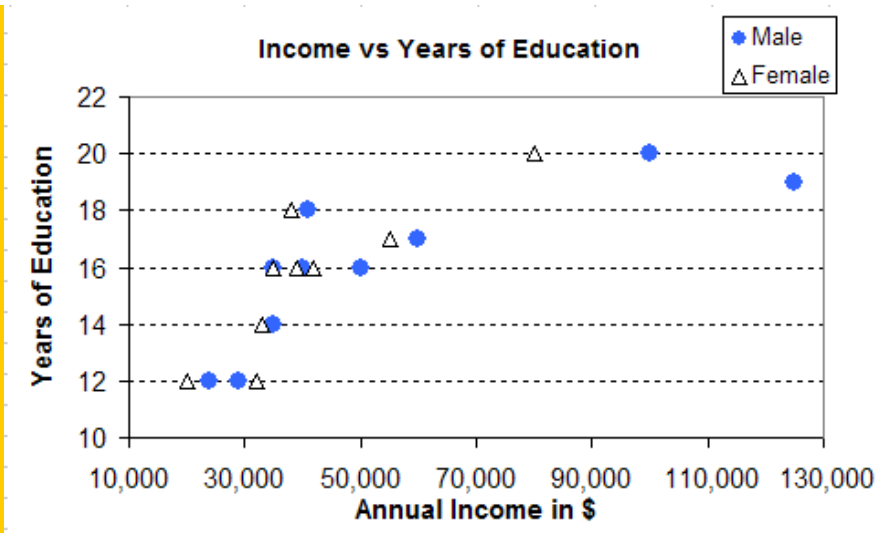
From each drop-down menu, select the option that creates the most accurate statement based on the information provided.

A) Median GDP per capita for the 9 countries increased

by from 2009 to 2011.

B) In 2010, the range in GDP per capita was approximately dollars.

Q: 15



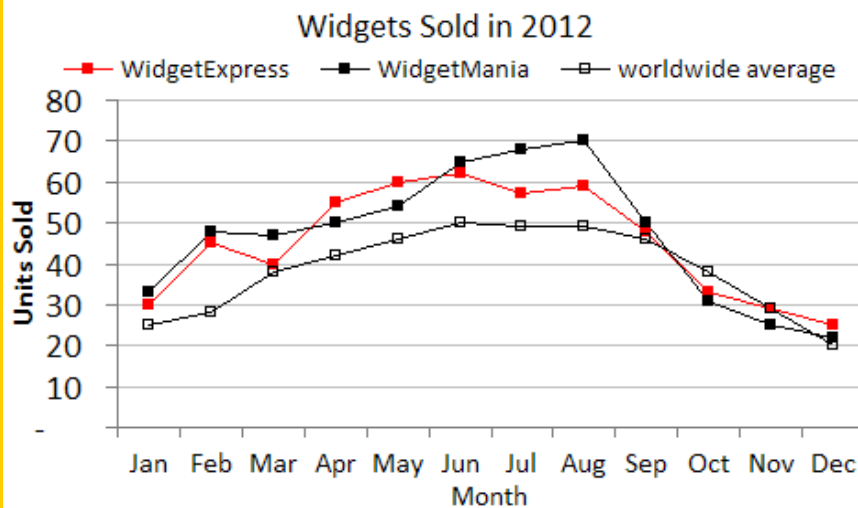
During an internal study at General Depot, income and education were recorded for 19 employees - divided among male and female. The chart shows income, in dollars (\$), education, in number of years, for each of the employees.

Based on the given information, use the drop-down menus to most accurately complete the following statements.

A) The correlation between income and education for employees in the study is .

B) If an employee with 16 years of education or less were selected at random, the probability that the employee would Female is .

Q: 16



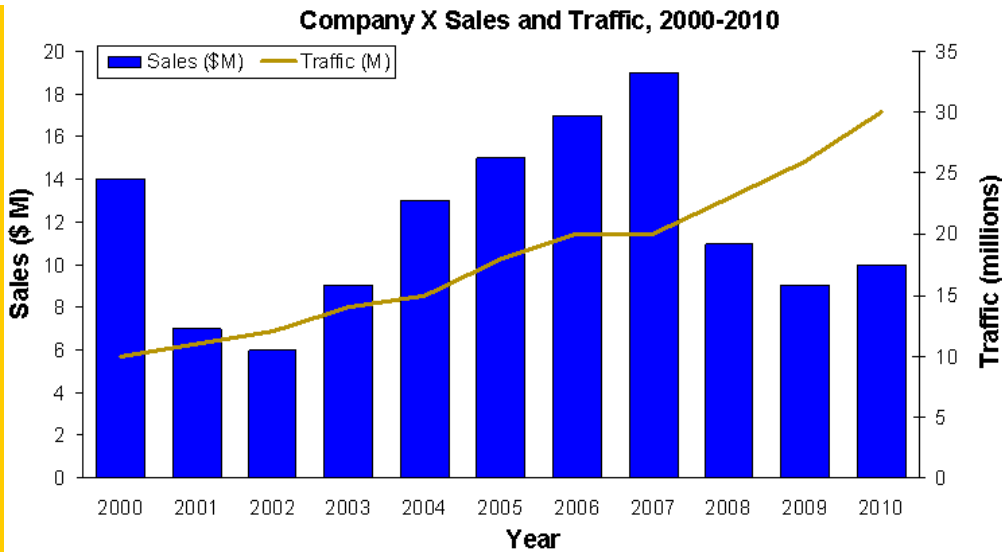
In 2012, there were 5 internet companies selling widgets worldwide. The graphic shows the monthly sales data for 2012 for two of those merchants as well as the worldwide average for widgets for those months.

Based on the given information, use the drop-down menus to most accurately complete the following statements.

A) WidgetMania and WidgetExpress accounted for more widgets sold than the other 3 internet companies for at least 1 month in 2012.

B) In August 2012, the three widget merchants not specified on the graph sold a total of exactly widgets.

Q: 17



The graph shows the total sales for Company X and its traffic (in millions of unique visitors) for each of the years 2000-2010.

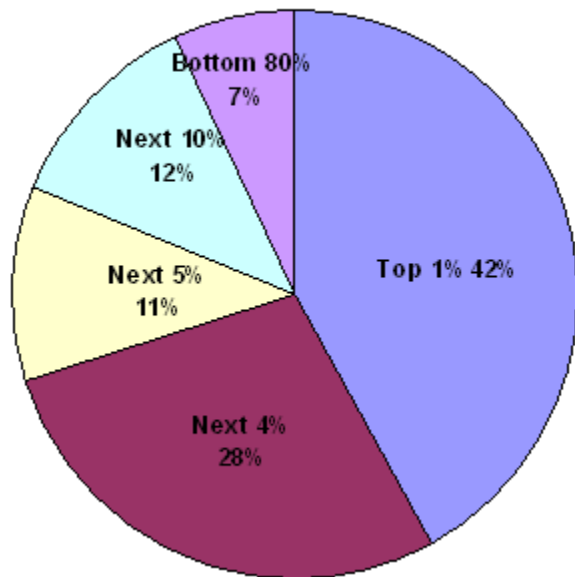
From each drop-down menu, select the option that creates the most accurate statement based on the information provided.

A) The percent decrease in the total sales from 2007-09 was approximately %.

B) The amount of dollar sales per unique visitor increased by approximately from 2002 to 2007.

Q: 18

American Wealth Distribution



A recent research report measured the \$ net worth of Americans broken down by their percentile ranking between 1983 and 2007. For example, the top 1 percentile of Americans owned 42% of overall wealth accumulated during this time period.

Fill each blank using the drop-down menu to create the most accurate statement on the basis of the information provided.

A) The report indicates that times as much wealth came from the top 1% of Americans as came from the bottom 90%.

B) If, at the time of the report, there were \$100M more in wealth from the bottom 99% than from the top 1%, then the amount of wealth in America at the time of the report

was .

Q: 19

The table lists the percentage of a city's population that visited a video game store, a movie theater, a nightclub, and a department store in a 3-month period.

Sort By:

For each of the following statements, select *Would help explain* if it would, if true, help explain some of the information in

the table. Otherwise select *Would not help explain*.

City	Video Game Store	Movie Theater	Nightclub	Department Store
New York	12%	22%	19%	96%
Los Angeles	25%	34%	14%	92%
San Francisco	14%	18%	5%	95%
Boston	9%	11%	8%	94%
Chicago	8%	12%	6%	92%
Houston	13%	14%	4%	93%
Miami	5%	7%	8%	88%

Would Help Explain **Would Not Help Explain**

- ☐ ☐ The proportion of the city inhabitants in Los Angeles that lives within close proximity to a video game store is larger than that of Miami.
- ☐ ☐ The two cities that spend the most money to promote their department stores are also those in which the night club scene is the biggest.
- ☐ ☐ The proportion of the city inhabitants in Los Angeles involved in the Movie industry is greater than that of any other city listed.

Q: 20

During the Summer Fitness Challenge, 27 individuals entered the contest to lose weight. Each contestant was categorized by weight

For each of the following statements, select Yes if the

group into 3 groups. Each fitness trainer, 9 in total, was assigned to one contestant from each weight group. The number of kilograms lost by the end of the 8-week session is recorded in the table below.

The final score for the contest was computed as a weighted mean of the kilograms lost for client 1, client 2, and client 3, using the same weights for each fitness trainer.

Sort By:

Years of Experience	Fitness Trainer	Client 1 (100-125kg)	Client 2 (125-150kg)	Client 3 (150-250kg)	Final Score
1	Susan	10	20	35	20.5
3	Megan	14	22	45	25.7
4	Tom	25	35	70	41.5
4	Brad	20	25	66	35.3
2	Peter	22	28	49	31.9
1	Melissa	25	33	62	38.5
3	Nick	16	18	52	27.4
2	Russel	14	15	39	21.8
2	Patty	8	12	22	13.4

statement is true based on the information provided; otherwise select *No*.

Yes No

- ☐ ☐ In calculating the final score for the contest, the weight loss for a fitness trainer's third client (Client 3) had equal weighting as the weight loss on Client 2.
- ☐ ☐ The median final score for all fitness trainers was 27.40
- ☐ ☐ In the data set for "Client 1" clients who worked with a fitness trainer having four years of experience, the range was 8

Q: 21

All figures are in millions (M) except for EPS which is in \$/share. EPS stands for Earnings Per Share. Market Capitalization is defined as stock price (measured in \$/share) multiplied by shares outstanding.

"Earnings" when used in the expression EPS (earnings per share) and P/E (price-to-earnings ratio) refer to the metric net

For each of the following, select Yes if the statement is true based on the information provided; otherwise select *No*.

income (not shown).

Capitalization metrics such as market capitalization value and enterprise value are as of January 30, 2008. Other metrics are as of December 2007.

EBITDA is a financial metric for profitability and is defined as earnings before interest, taxes, depreciation, and amortization.

Sort By:

Company Name	Market Capitalization	Enterprise Value	Revenue	EBITDA	EPS
Cool-Go	174,565	159,287	17,212	10,118	21.16
iPay	34,925	29,889	8,674	3,135	1.65
Sahara	31,964	30,151	19,258	1,407	1.86
InterPactive	14,408	13,009	6,817	890	1.61

Yes No

- ☐ ☐ If the EV/Revenue multiple is expressed as a ratio of Enterprise Value to Revenue, the median EV/Revenue multiple for this set of 4 companies is between 2.0x and 3.0x.
- ☐ ☐ If Cool-Go's P/E (price-to-earnings or market capitalization-to-earnings) ratio is 25.9, the number of Cool-Go shares outstanding is greater than 350M.
- ☐ ☐ The range for Enterprise Value is greater than the range for Market Capitalization.

Q: 22

Sort By:

Periodical	Parent Company	2005 Ad Revenue \$	2006 Ad Revenue \$	2006 Ad \$ per Reader	2006 Total Readers	2006 Total Pages	2006 CPM
The Atlantic Monthly Magazine	Atlantic Monthly Group	26,441,815	30,821,958	\$23.86	1,291,677	643.0	\$37.11
Entrepreneur	Entrepreneur Media Inc	89,707,596	94,576,402	\$37.99	2,489,419	1,238.7	\$30.67
The New Yorker	Condé Nast Publications Inc	215,365,762	204,077,586	\$54.89	3,718,085	1,937.0	\$28.34
Wired	Condé Nast Publications Inc	64,511,033	83,249,783	\$35.78	2,326,726	1,279.3	\$27.97
Business Week-North America	McGraw-Hill Companies	332,400,680	310,378,846	\$71.41	4,346,472	2,741.8	\$26.04
Forbes	Forbes Inc	323,315,056	341,542,339	\$72.91	4,684,548	3,388.9	\$21.51
Vanity Fair	Condé Nast Publications Inc	258,765,445	252,888,362	\$39.84	6,347,102	1,938.9	\$20.55
PC Magazine	Ziff Davis Publishing	129,885,407	115,775,662	\$27.95	4,142,439	1,512.5	\$18.48
GQ Gentleman's	Condé Nast Publications Inc	164,971,292	190,348,803	\$32.60	5,839,694	1,766.4	\$18.45

The table present gives ad revenue figures for US media publications and their parent company. For each periodical, the table gives 2005 and 2006 ad revenue. For 2006, it offers more detail for each publication, with the metrics shown.

CPM stands for Cost per Mil. It's an industry metric that describes the advertising cost charged to advertisers for every 1000 in impressions reached. Each reader looking at one page of a magazine counts as an impression so

Quarterly	ons, Inc.						
Car and Driver	Hachette Filipacchi Media, U.S.	221,572,019	204,998,117	\$20.28	10,107,949	1,141.9	\$17.76
Golf Digest	Condé Nast Publications, Inc.	166,326,915	170,651,843	\$26.53	6,431,927	1,510.4	\$17.57
The Economist	The Economist Newspaper NA, Inc.	72,467,873	84,558,432	\$37.54	2,252,726	2,179.0	\$17.23
Sports Illustrated	Time Inc.	623,539,376	617,961,338	\$31.43	19,659,949	2,031.5	\$15.47
Entertainment Weekly	Time Inc.	253,854,002	246,450,949	\$25.06	9,832,617	1,748.9	\$14.33
Maxim	Dennis Publishing	194,281,126	193,134,867	\$13.28	14,546,214	930.6	\$14.27
U.S. News & World Report	U.S. News & World Reports	257,340,313	267,611,767	\$24.50	10,924,771	1,718.4	\$14.25
TIME	Time Inc.	631,755,594	661,333,564	\$30.44	21,727,785	2,311.5	\$13.17
Seventeen	Hearst Corporation	99,338,973	101,866,957	\$12.31	8,274,897	936.7	\$13.14
Men's Health	Rodale Inc.	149,168,146	149,012,303	\$13.78	10,812,813	1,051.2	\$13.11
InStyle	Time Inc.	391,093,367	410,050,118	\$44.03	9,312,963	3,486.6	\$12.63
Newsweek National	Newsweek Inc	473,079,284	483,290,720	\$25.05	19,293,605	1,991.5	\$12.58
Field & Stream	Time4 Media	80,273,326	74,683,749	\$7.61	9,815,078	605.1	\$12.58
Prevention	Rodale Inc.	141,773,436	149,076,054	\$14.24	10,468,450	1,170.9	\$12.16
Rolling Stone	Wenner Media	215,505,704	222,155,425	\$18.57	11,964,014	1,584.8	\$11.72

CPM = Ad Revenue / (Readership * Pages) / 1000. Magazines charge advertisers at the CPM rate, which varies based on the demographics of a magazine's readership.

Each column of the table can be sorted in ascending order by clicking on the word "Select" above the table and choosing, from the drop-down menu, the heading of the column on which you want the table to be sorted.

Consider each of the following statements about the ad revenue figures. For each

	Inc						
Cosmopolitan	Hearst Corporation	367,342,866	367,342,866	\$19.79	18,558,533	1,739.4	\$11.38
Better Homes and Gardens	Meredith Corporation	800,006,493	776,798,982	\$20.04	38,761,261	1,957.3	\$10.24
Cooking Light	Time Inc.	125,867,862	135,296,712	\$12.54	10,788,557	1,518.1	\$8.26
Reader's Digest	Reader's Digest Association Inc.	301,017,170	289,537,879	\$7.34	39,468,658	994.9	\$7.37
National Geographic	National Geographic Society	85,322,848	87,261,968	\$2.68	32,573,937	421.3	\$6.36
People Weekly	Time Inc.	850,407,667	872,662,782	\$20.88	41,791,992	3,741.2	\$5.58

statement, indicate whether the statement is true or false, based on the information provided in the table.

True **False**

- ☐ ☐ In 2006, parent company Time Inc generated more ad revenue than any other parent media company.
- ☐ ☐ Half of the periodicals with less than \$10 CPM are owned by Time Inc
- ☐ ☐ The average

cost for each full page ad in "Seventeen" magazine is greater than that for "Maxim" magazine.

Q: 23

The table displays data on *Brazilian agricultural products* in 2009.

Sort By:

Commodity	Production, World Share(%)	Production, World Rank	Exports World Share(%)	Exports World Rank
Beef	16	2	22	1
Chickens	15	3	32	1
Coffee	40	1	38	1
Corn	8	4	10	2
Cotton	5	5	10	4
Orange Juice	56	1	82	1
Pork	4	4	12	4
Soybeans	27	2	40	2
Sugar	21	1	44	1

For each of the following statements, select Yes if the statement can be shown to be true based on the information in the table. Otherwise select No.

Yes No

- ☐ ☐ No individual country produces more than one-fourth of the world's sugar.
- ☐ ☐ If Brazil produces less than 20% of the world's supply of any commodity listed in the table, Brazil is not the world's top exporter of that commodity.

- ○ Of the commodities in the table for which Brazil ranks first in world exports, Brazil produces more than 20% of the world's supply.

Q: 24

The table lists 12-pack prices for Aquaphino Water sold in 39 US UDS Stores ("Up and Down the Street" stores) across 5 major cities on May 25, 2012. Store types are categorized as Grocers, Gas Stations, or C-Store (convenience store).

Sort By:

UDS Store	City	12 Pack Single Bottle	Store Type
Big Apple Meat Market	San Francisco	\$10.99	Grocer
Citgo	Boston	\$12.29	Gas Station
Lucky Liquor	Las Vegas	\$16.99	Gas Station
Happy Grocery	Boston	\$11.99	C-Store
Marathon	San Francisco	\$13.99	Gas Station
Paradise Liquors	Las Vegas	\$11.99	C-Store
Pagliaris Liquor	Chicago	\$14.99	C-Store

For each of the following statements, select *Yes* if the statement is true based solely on the information reported for the Accounts on this day. Otherwise, select *No*.

Yes No

- ○ The mean 12-pack price for Aquaphino Water for UDS in Boston was greater than that for the UDS Stores in Las Vegas.
- ○ At least one UDS Store selling as a Gas Station had a 12-pack price less than \$9.
- ○ For Chicago UDS stores, the median 12-pack price was \$11.99.

R&A Grocery	Las Vegas	\$8.99	C-Store
Syssha Food and Liquor	Boston	\$10.99	C-Store
1272 South Glendale	Chicago	\$11.99	C-Store
Surf Liquor	San Francisco	\$9.99	C-Store
Swift Minimarket	Chicago	\$10.99	C-Store
99C Depot	Las Vegas	\$10.75	Grocer
V-Food Store Minimart	Chicago	\$10.50	Grocer
99C Depot	New York	\$6.99	Grocer
940 Columbus	Chicago	\$13.19	Grocer
B&C Discount Liquor	New York	\$13.59	C-Store
Brooklyn Liquor	San Francisco	\$10.00	C-Store
Alcatraz Market	San Francisco	\$14.49	C-Store
Broadway Cigars & Liquors	New York	\$15.59	C-Store
Dollar Family	Boston	\$8.99	Gas Station
Cool Super Discount	San Francisco	\$12.99	Gas Station
Dollar Family	New York	\$13.10	Gas Station
Eddie's Jr Market Liquor	San Francisco	\$13.00	Gas Station
Ed's Liquor Store	Chicago	\$6.99	C-Store
Extra Mile	New York	\$6.99	C-Store
Ed's Eliquor Store	San Francisco	\$12.99	C-Store
Grant & Green	Chicago	\$9.99	C-Store

Market			
El Latino	Chicago	\$13.99	C-Store
Mission Grocery Liquor Beer Wine	New York	\$11.99	C-Store
Rutily's Market & Deli	New York	\$10.99	C-Store
SF Liquor & Food Mart	Boston	\$9.99	C-Store
Glendale House of Liquor & Deli	Chicago	\$13.99	C-Store
Sherman Market	Boston	\$11.99	C-Store
Havana Market	Boston	\$12.99	Grocer
The Silver Platter Grocery & Liquors	New York	\$9.99	Grocer
Jack's Market	Chicago	\$8.99	Grocer
Union Street Pantry	Chicago	\$11.79	Grocer
Jack's Market	Boston	\$12.75	Grocer

Q: 25

The table lists 12-pack prices for Aquaphino Water sold in 39 US UDS Stores ("Up and Down the Street" stores) across 5 major cities on May 25, 2012. Store types are categorized as Grocers, Gas Stations, or C-Store (convenience store).

Sort By:

For each of the following statements, select Yes if the statement is true based solely on the information reported for the Accounts on this day. Otherwise, select No.

Yes No

- ☐ ☐ The mean 12-pack price for Aquaphino Water for UDS in Boston was greater than that

UDS Store	City	12 Pack Single Bottle	Store Type
Big Apple Meat Market	San Francisco	\$10.99	Grocer
Citgo	Boston	\$12.29	Gas Station
Lucky Liquor	Las Vegas	\$16.99	Gas Station
Happy Grocery	Boston	\$11.99	C- Store
Marathon	San Francisco	\$13.99	Gas Station
Paradise Liquors	Las Vegas	\$11.99	C- Store
Pagliaris Liquor	Chicago	\$14.99	C- Store
R&A Grocery	Las Vegas	\$8.99	C- Store
Sysha Food and Liquor	Boston	\$10.99	C- Store
1272 South Glendale	Chicago	\$11.99	C- Store
Surf Liquor	San Francisco	\$9.99	C- Store
Swift Minimarket	Chicago	\$10.99	C- Store
99C Depot	Las Vegas	\$10.75	Grocer
V-Food Store Minimart	Chicago	\$10.50	Grocer
99C Depot	New York	\$6.99	Grocer
940 Columbus	Chicago	\$13.19	Grocer
B&C Discount Liquor	New York	\$13.59	C- Store
Brooklyn Liquor	San Francisco	\$10.00	C- Store
Alcatraz	San	\$14.49	C-

for the UDS Stores in Las Vegas.

- ○ At least one UDS Store selling as a Gas Station had a 12-pack price less than \$9.
- ○ For Chicago UDS stores, the median 12-pack price was \$11.99.

Market	Francisco		Store
Broadway Cigars & Liquors	New York	\$15.59	C-Store
Dollar Family	Boston	\$8.99	Gas Station
Cool Super Discount	San Francisco	\$12.99	Gas Station
Dollar Family	New York	\$13.10	Gas Station
Eddie's Jr Market Liquor	San Francisco	\$13.00	Gas Station
Ed's Liquor Store	Chicago	\$6.99	C-Store
Extra Mile	New York	\$6.99	C-Store
Ed's Eliquor Store	San Francisco	\$12.99	C-Store
Grant & Green Market	Chicago	\$9.99	C-Store
El Latino	Chicago	\$13.99	C-Store
Mission Grocery Liquor Beer Wine	New York	\$11.99	C-Store
Rutily's Market & Deli	New York	\$10.99	C-Store
SF Liquor & Food Mart	Boston	\$9.99	C-Store
Glendale House of Liquor & Deli	Chicago	\$13.99	C-Store
Sherman Market	Boston	\$11.99	C-Store
Havana Market	Boston	\$12.99	Grocer
The Silver Platter Grocery & Liquors	New York	\$9.99	Grocer

Jack's Market	Chicago	\$8.99	Grocer
Union Street Pantry	Chicago	\$11.79	Grocer
Jack's Market	Boston	\$12.75	Grocer