September Sprint for CAT 2025

Class 13

Data Interpretation

MBA KARO

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September Sprint Schedule

Date	Topic	Date	Topic	Date	Topic
01-Sep	Number System - 1	11-Sep	Games and Tournament	21-Sep	Algebra - 3
02-Sep	Arrangement	12-Sep	Odd One Out	22-Sep	Logical DI
03-Sep	Number System - 2	13-Sep	Chart Based DI - 3	23-Sep	Geometry - 1
04-Sep	Para Completion	14-Sep	Arithmetic - 4	24-Sep	Reading Comprehension - 3
05-Sep	Arithmetic - 1	15-Sep	Venn Diagram	25-Sep	Geometry - 2
06-Sep	Chart Based DI - 1	16-Sep	Reading Comprehension - 2	26-Sep	Quantitative Reasoning
07-Sep	Arithmetic - 2	17-Sep	Algebra - 1	27-Sep	Geometry - 3
08-Sep	Reading Comprehension - 1	18-Sep	Routes and Network	28-Sep	Parajumbles
09-Sep	Chart Based DI - 2	19-Sep	Algebra - 2	29-Sep	Misc. LR topics
10-Sep	Arithmetic - 3	20-Sep	Para Summary	30-Sep	Modern Maths

Preparing for MBA exams for 2025-26?

- Recorded concept videos
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- Doubt session live classes
- In VA, grammar and vocab also covered
- In LR, OMET topics covered

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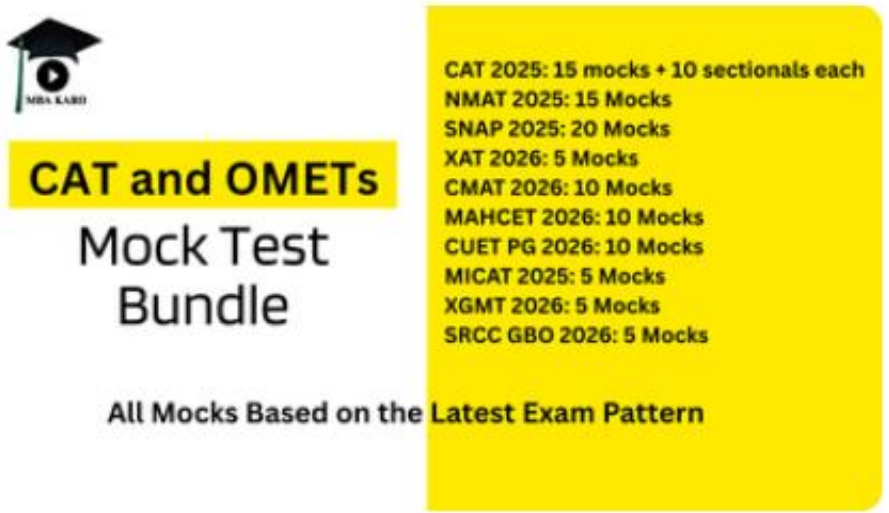

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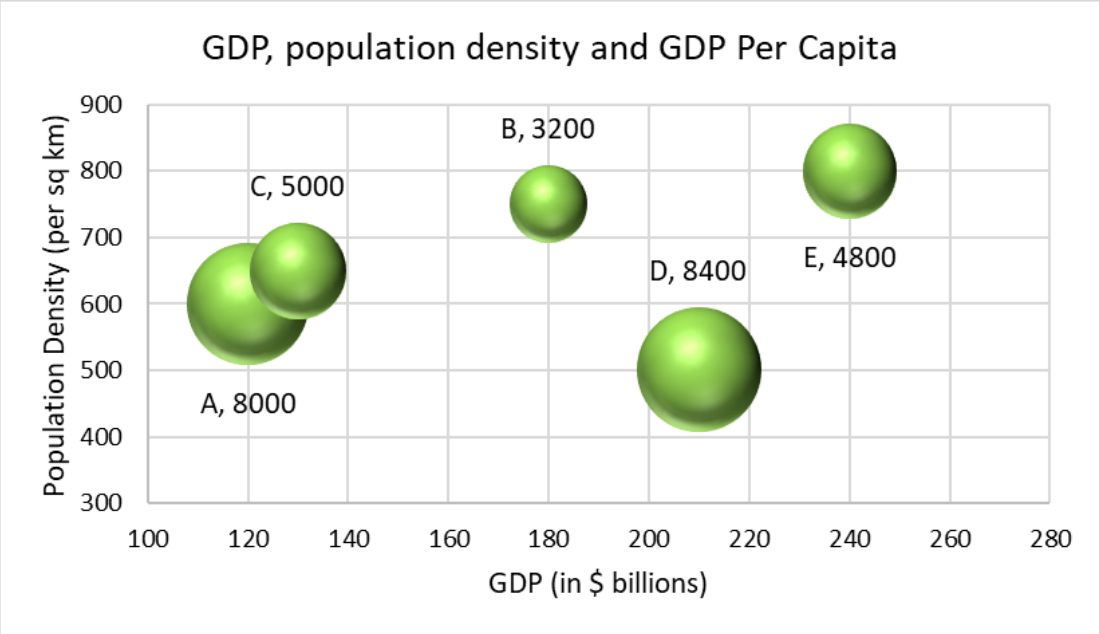
XAT – 10
CMAT – 10
MAHCET – 20
CUET PG – 10
MICAT – 5
XGMT – 5
SRCC GBO - 5

CAT and OMETs Mocks by MBA Karo

Pause the video, solve the set, and then look at the solution!

- The below chart shows the GDP, population density, and GDP Per Capita of five countries.
- The X-axis of the center of the bubbles denotes the GDP (in $ billions) and the Y-axis of the center of the bubbles denotes the Population Density (per sq km).
- The size of the bubble denotes the GDP Per Capita (in $).
- GDP per capita = GDP/Population
- Population Density = Population/Area (in sq km)



What is the median population of these countries?

A. 25 million
B. 26 million
C. 27 million
D. 28 million

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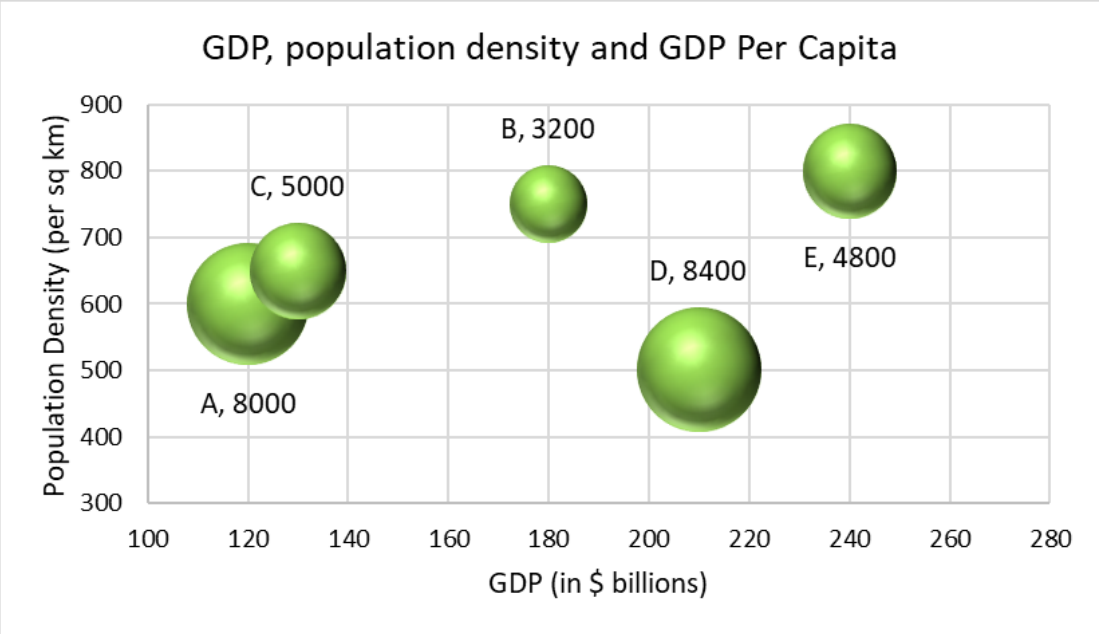

Which are the smallest and the largest countries respectively, in terms of area?

A. A, B
B. A, E
C. B, D
D. C, D

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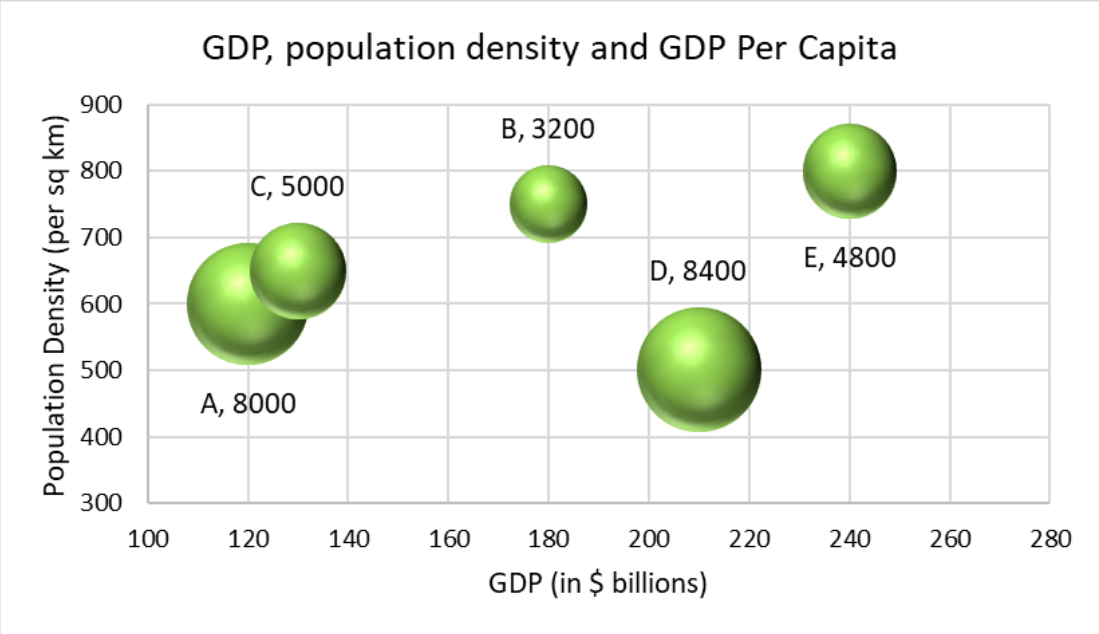

The population of A is what percent of the population of E?

A. 20%
B. 25%
C. 30%
D. 40%

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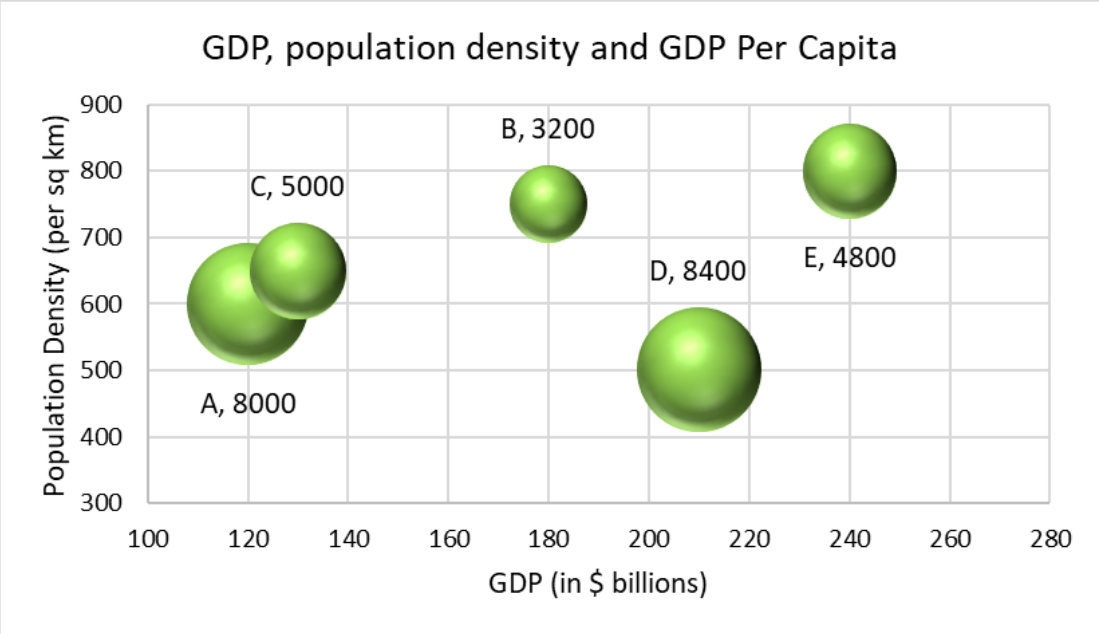

What is the ratio of the areas of countries C and D?

A. 3:2
B. 2:3
C. 5:4
D. 4:5


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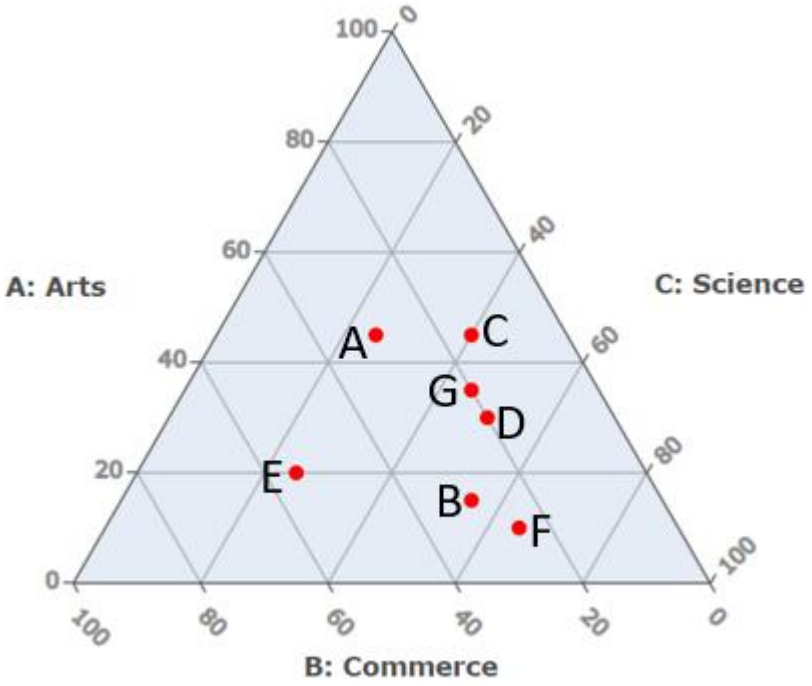
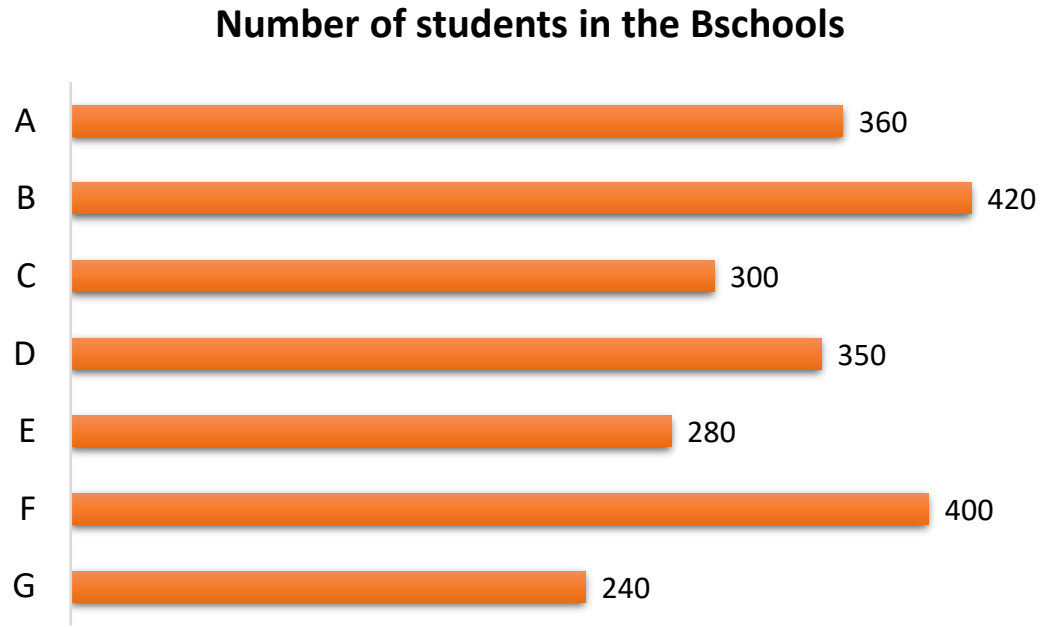
There are 7 B-schools in a country. The students studying here belong to one of the three streams – arts, commerce, or science. The triangular chart given below gives the percentage of students from the three streams in these B-schools. All values are multiples of 5%.
The bar graph gives the number of students in these B-schools.
For example, B-school A has 360 students of which 45% belong to the arts stream, 30% to commerce, and 25% to the science stream.





The number of commerce students in D is what percent of the number of commerce students in F?

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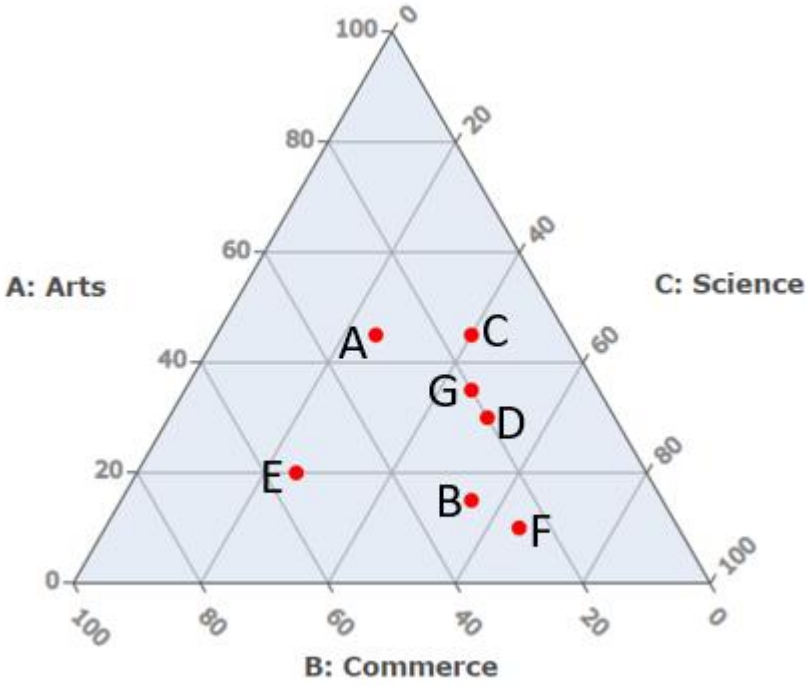

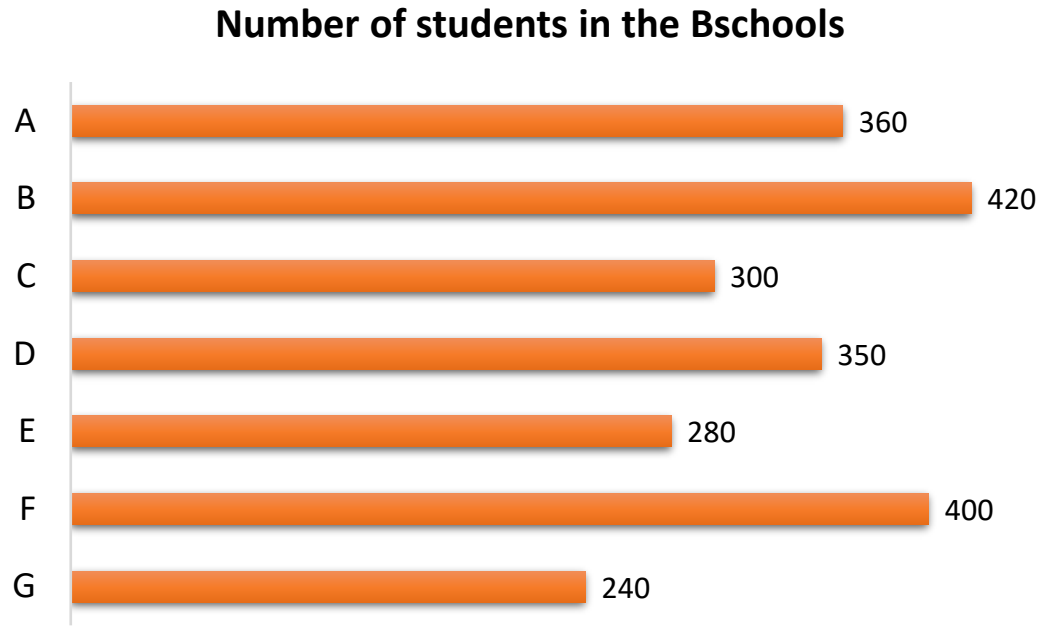

B-school	Arts	Commerce	Science
A	162	108	90
B	63	126	231
C	135	45	120
D	105	70	175
E	56	154	70
F	40	100	260
G	84	48	108

How many B-schools have at least 100 students from the arts stream?

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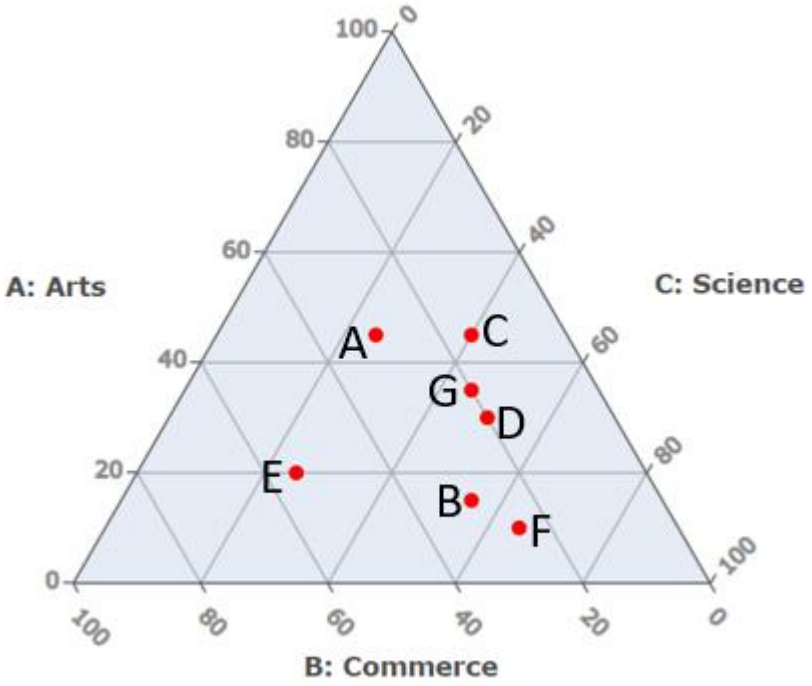

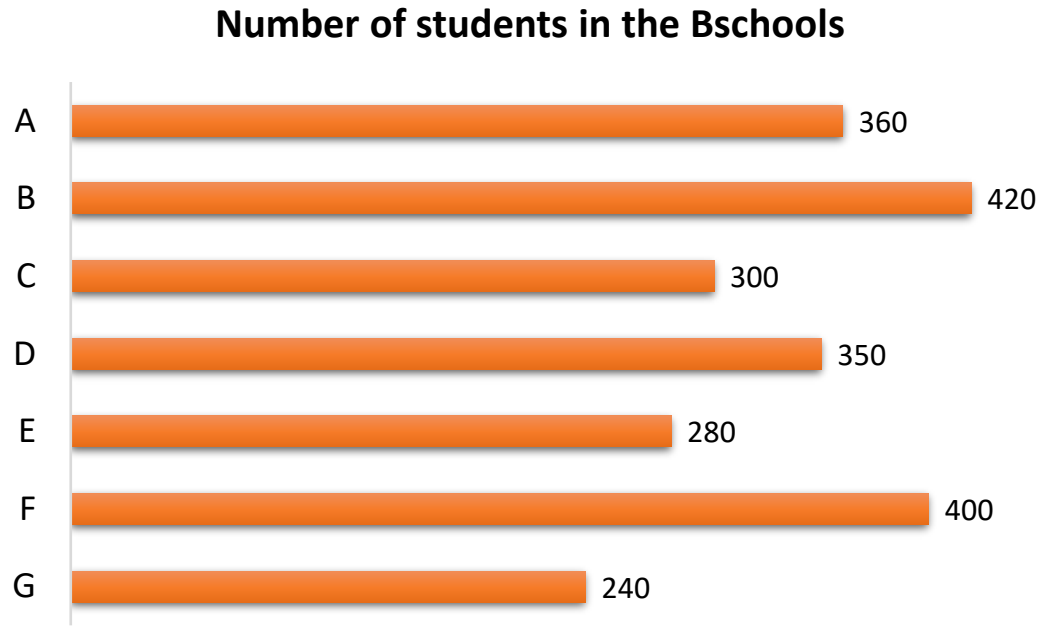

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What is the ratio of the number of students from the science stream in A and G?
A. 5:6 B. 11:13 C. 33:26 D. 5:9

There are 7 B-schools in a country. The students studying here belong to one of the three streams – arts, commerce, or science. The triangular chart given below gives the percentage of students from the three streams in these B-schools. All values are multiples of 5%.
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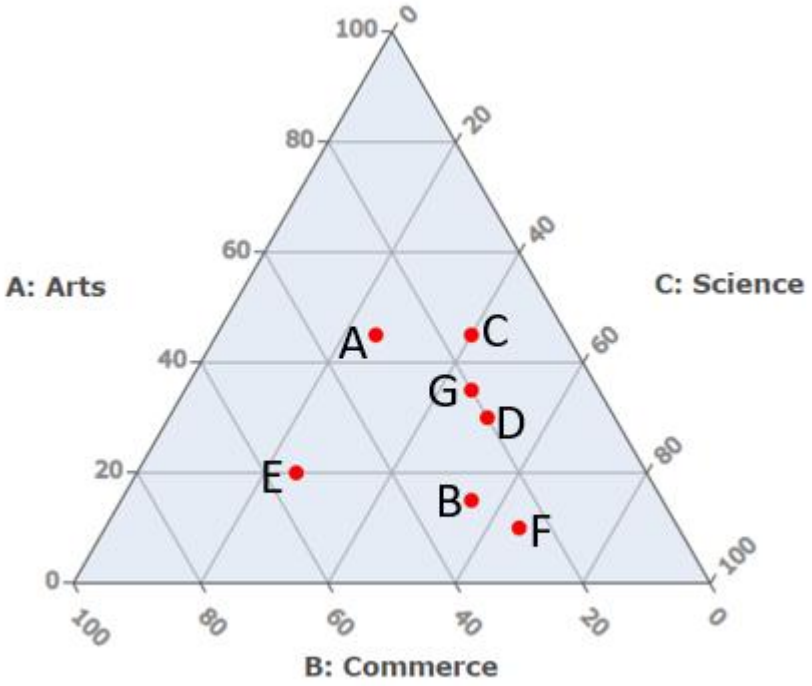

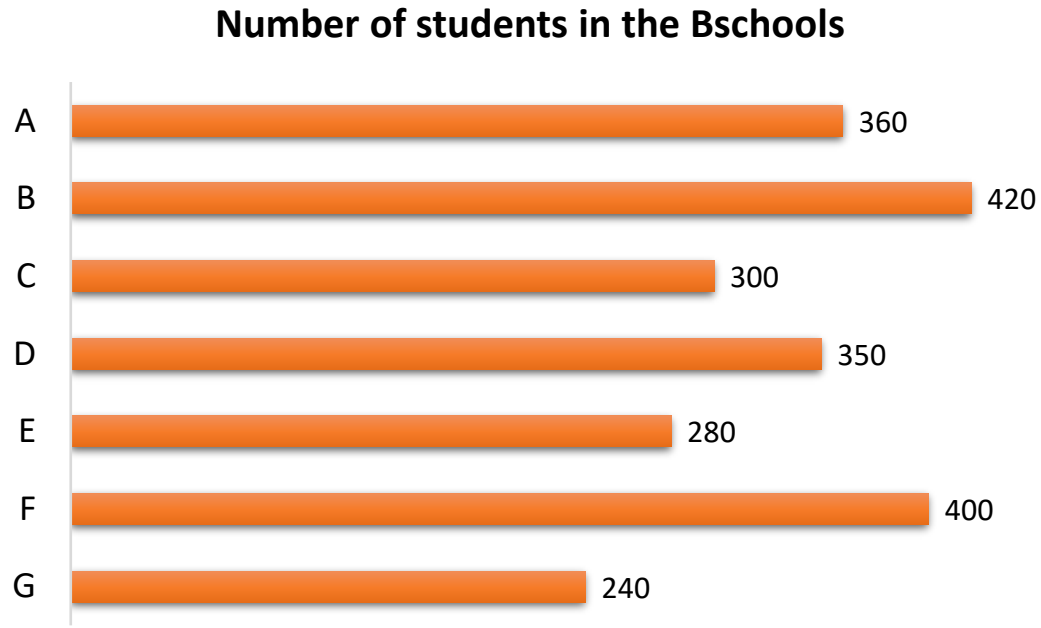

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What is the total number of students from the arts stream in all the B-schools put together?
A. 632 B. 645 C. 651 D. 654

There are 7 B-schools in a country. The students studying here belong to one of the three streams – arts, commerce, or science. The triangular chart given below gives the percentage of students from the three streams in these B-schools. All values are multiples of 5%.
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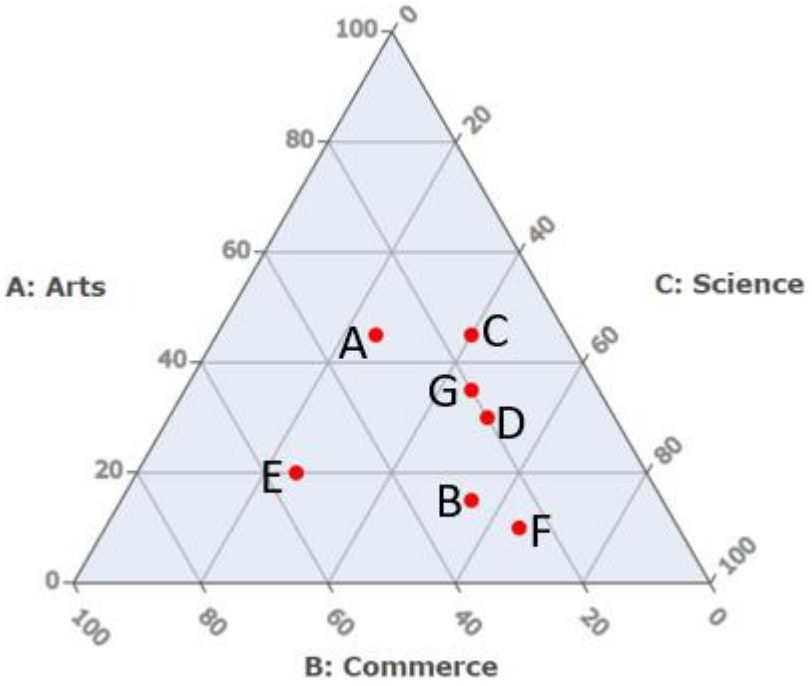

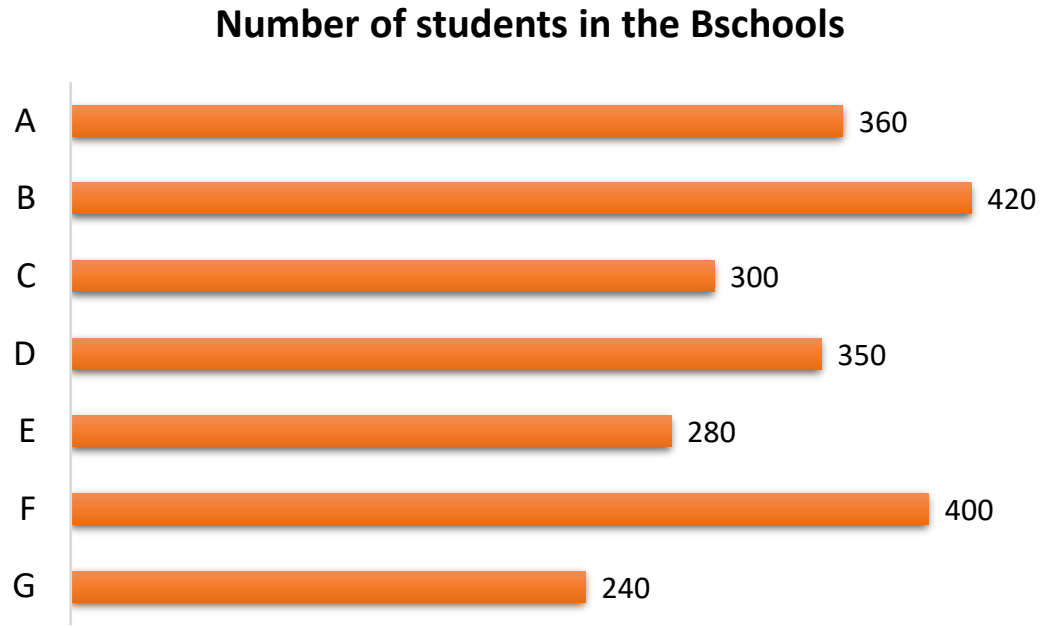

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The number of students from the science stream in these seven B-schools is approximately what percent of the total number of students in these B-schools?

A. 51% B. 48% C. 42% D. 45%


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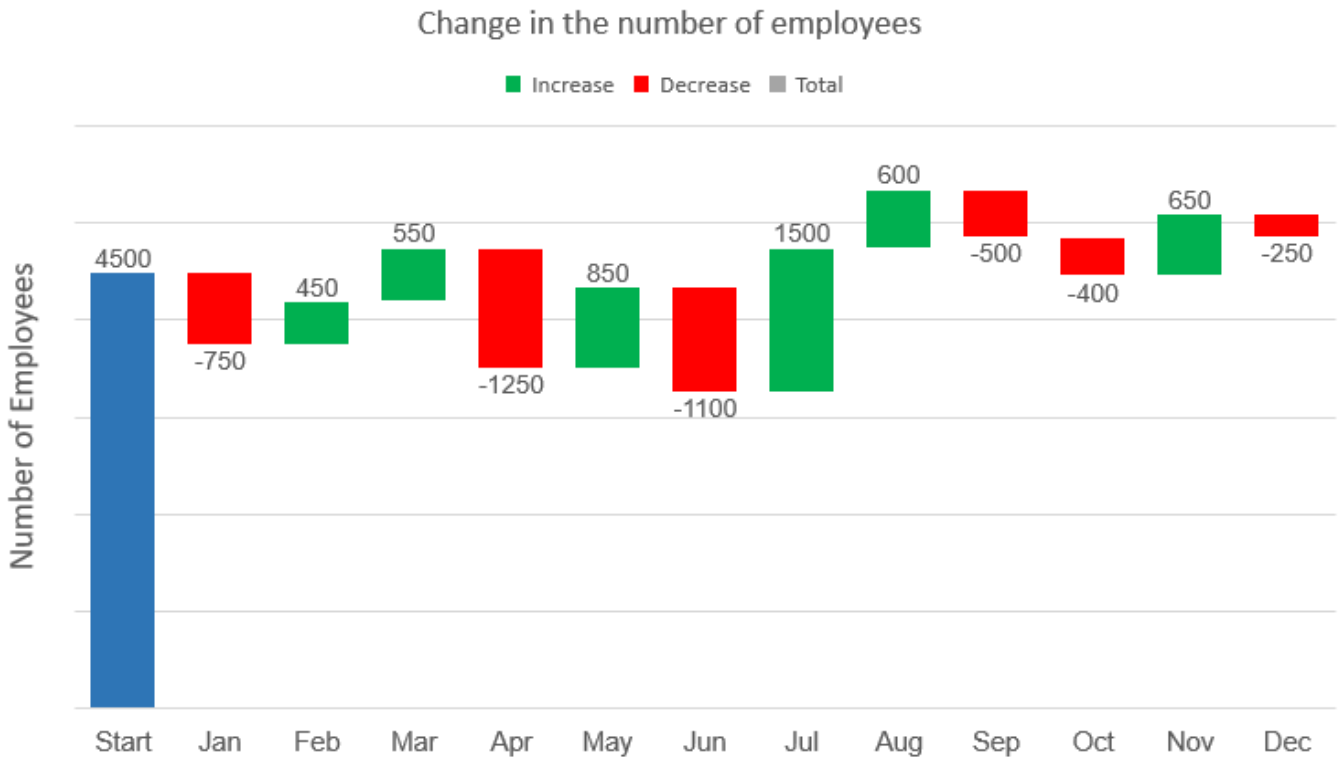
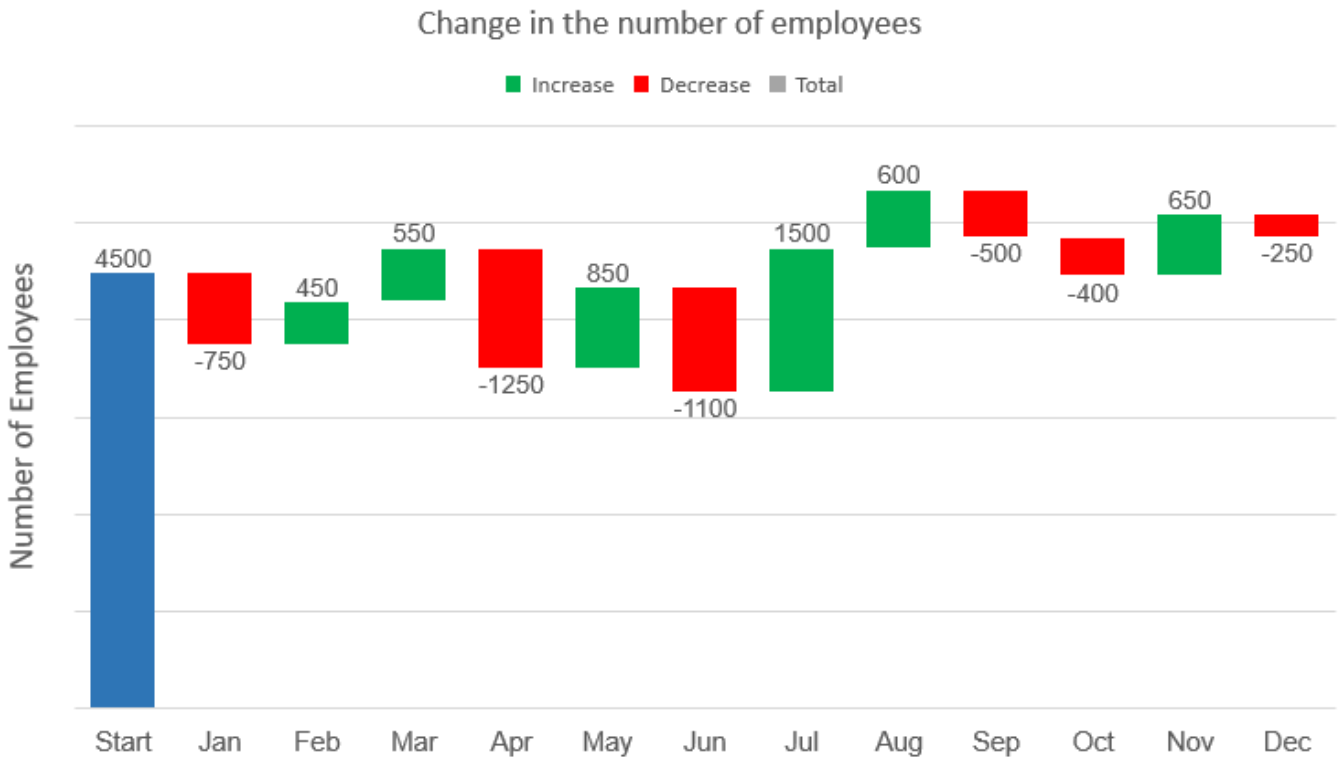
The below graph shows the number of employees that left/joined a company in each of the months of a year. The number of employees at the beginning of the year was 4500.



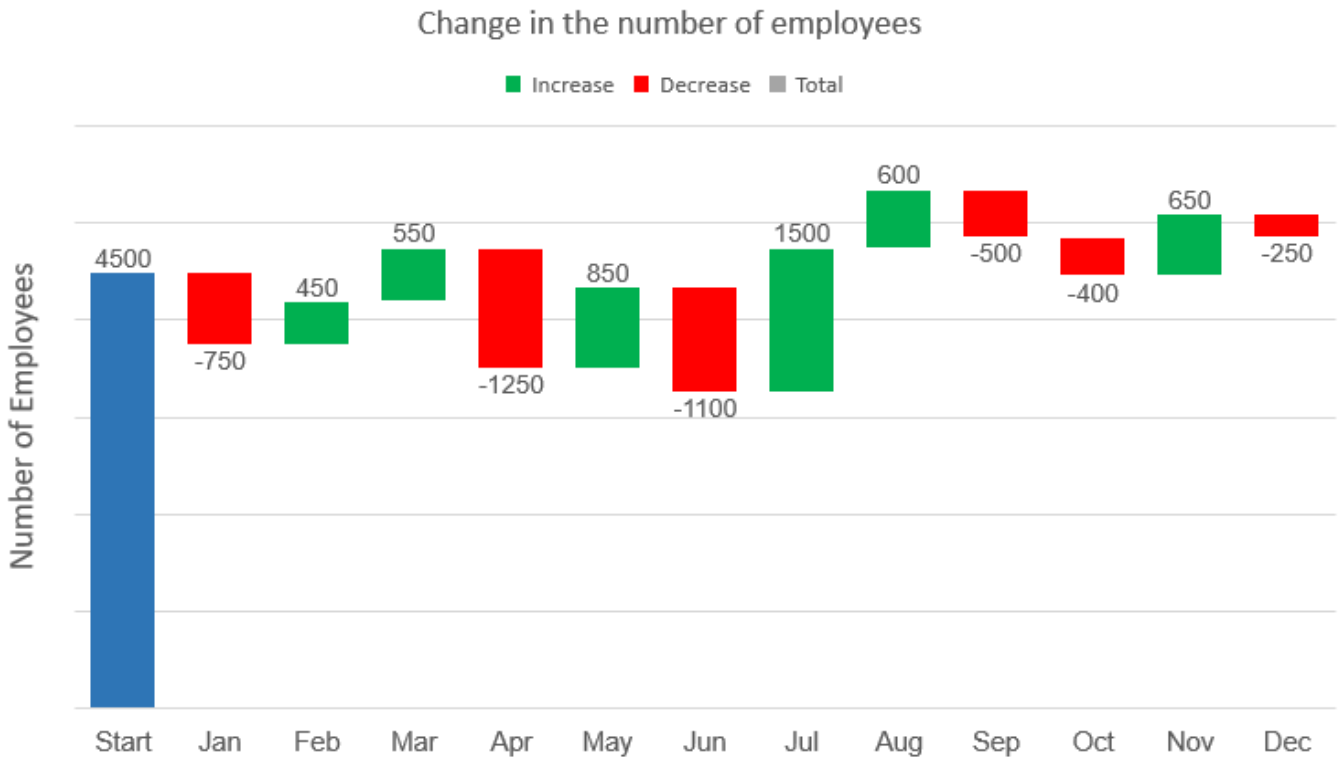
What is the number of employees at the end of July?

The below graph shows the number of employees that left/joined a company in each of the months of a year. The number of employees at the beginning of the year was 4500.



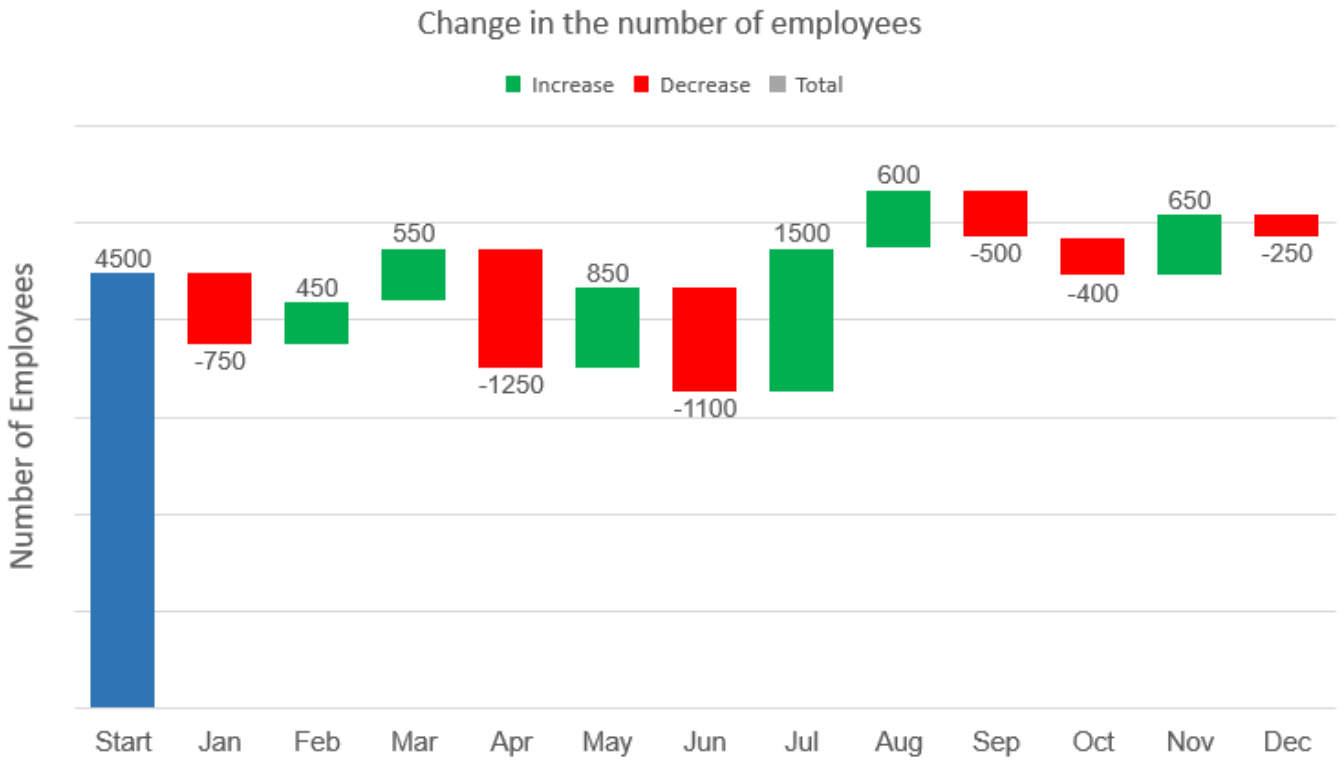
What is the number of employees at the beginning of October?

The below graph shows the number of employees that left/joined a company in each of the months of a year. The number of employees at the beginning of the year was 4500.



What is the lowest number of employees at the end of any month?

The below graph shows the number of employees that left/joined a company in each of the months of a year. The number of employees at the beginning of the year was 4500.



What is the % change in the number of employees during the year?

A. 11.11%
B. 10.22%
C. 9.33%
D. 7.78%

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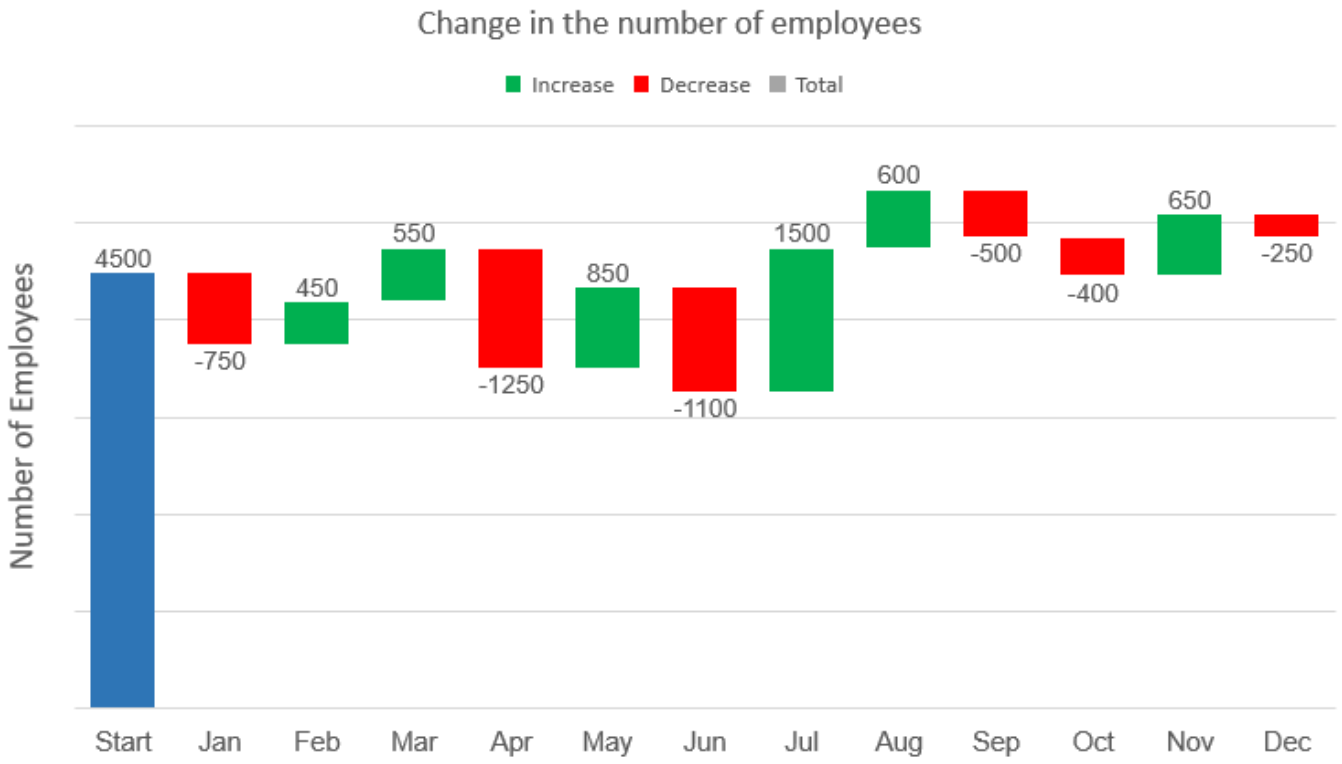

For which pairs of months, were the number of employees at the end of the month the same?
I – March and July
II - September and December
III – May and October

A. I and II
B. II and III
C. I and III
D. Only II

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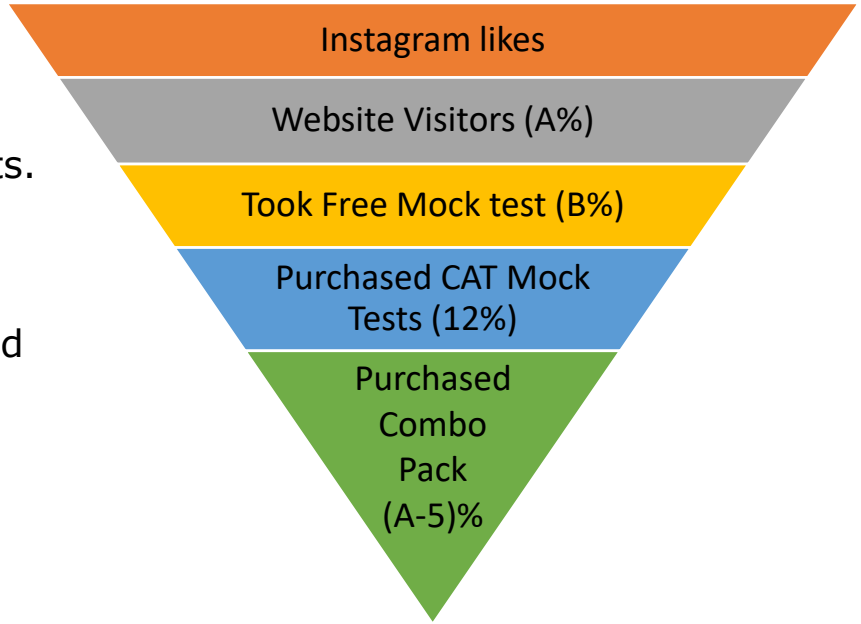
MBA Karo offers test series for CAT and other MBA entrance exams. It has an Instagram page where it creates some posts. A certain percentage of the people who like the Instagram page visited their website. Some of the website visitors took free CAT mock on the site. Some of those users then purchased CAT mock tests. Some of the users who purchased CAT mock tests purchased combo packs. The funnel of users is depicted in the graph below.



The percentage in the parenthesis indicates the percentage of users from the previous stage. For example, 12% of the users who took free mock test purchased CAT mock tests.

The below information is known:

- 9% of the users who liked the Instagram page took the free mock test.
- The difference between the number of free mock test takers and those who purchased CAT mock tests is 19800
- Had 7500 more people who liked the Instagram page visited the website, the percentage of web visitors must have been 48% of the Instagram likes.

What is the value of A?

What is the difference between the number of website visitors and the number of people who took the free mock test?

How many people purchased the combo pack?

What percentage of website visitors purchased CAT mock tests?

A. 4.5% B. 4.2% C. 3.6% D. 2.4%

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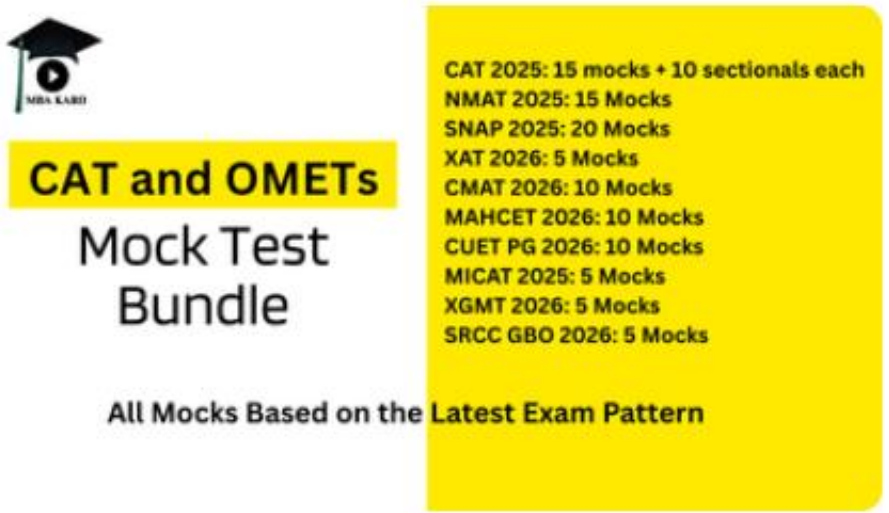

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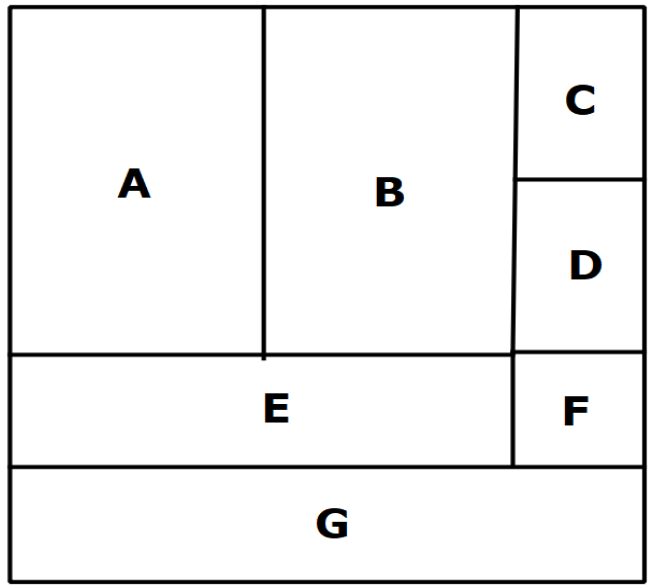
CAT and OMETs Mocks by MBA Karo

A large piece of land is divided into 7 plots as shown in the figure:
The below information is known about the plots:
- Plots C and D have the same area, and so do plots A and B.
- Plot F is in the shape of a square.
- The length of plot C is 1.5 times its width.
- The area of plot B is 4 times the area of plot D.
- The width of plot G is the same as that of plot F.
- The area of the largest of these plots is 216 sq m.



What is the total area of the land?

A. 600 sq m
B. 800 sq m
C. 900 sq m
D. 1000 sq m

What is the ratio of the areas of the largest and the smallest piece of land?

A. 4:1
B. 9:2
C. 3:1
D. 6:1

The owner of the land plans to fence the land separating each plot. What is the total length of the fence?

A. 168 m
B. 228 m
C. 288 m
D. 240 m

There are two streetlights along the edge of the land. One is at the junction of plots C and D while the other is at the junction of plots E and G. What is the distance between the feet of the two lights?

A. 33.54 m
B. 34.98 m
C. 36 m
D. 37.06 m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