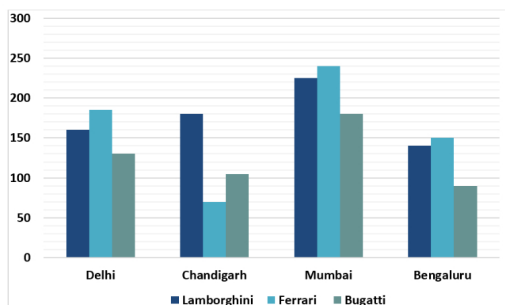


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Quantitative Aptitude - DI (Bar Graph)

English

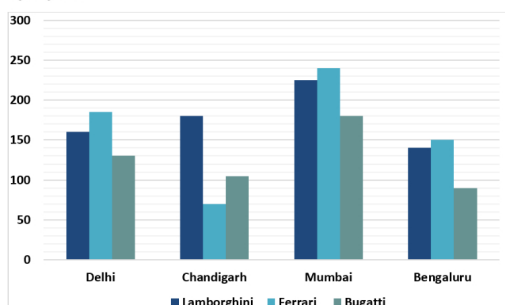
Q:1 Direction: The bar graph below shows the number of people who drive supercars: Lamborghini, Ferrari, and Bugatti in 4 cities: Delhi, Chandigarh, Mumbai, and Bengaluru. Study the graph carefully and answer the questions that follow.



20% of the total number of people who drive Ferrari in all 4 cities together decided to dispose of their cars and decided to buy Bugatti or Lamborghini cars. If the ratio of the number of people who bought Bugatti and Lamborghini is 1 : 2 then find the new number of people who drive Lamborghini in 4 cities together.

1. 791
2. 787
3. 801
4. 748
5. 767

Q:2 Direction: The bar graph below shows the number of people who drive supercars: Lamborghini, Ferrari, and Bugatti in 4 cities: Delhi, Chandigarh, Mumbai, and Bengaluru. Study the graph carefully and answer the questions that follow.

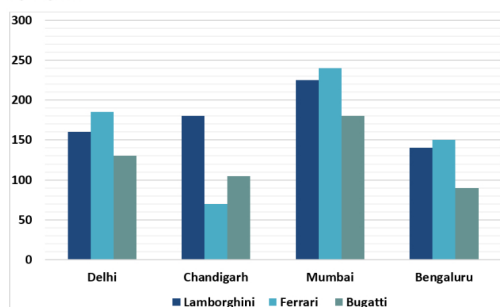


The total number of people who drive Supercars in Bengaluru is what percentage more than the total number of people who drive Lamborghini and Ferrari in Chandigarh?

1. 50%
2. 52%

3. 54%
4. 56%
5. 48%

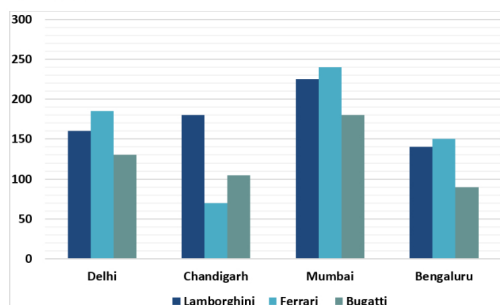
Q:3 Direction: The bar graph below shows the number of people who drive supercars: Lamborghini, Ferrari, and Bugatti in 4 cities: Delhi, Chandigarh, Mumbai, and Bengaluru. Study the graph carefully and answer the questions that follow.



5/9th of the total number of people who drive Lamborghini and Bugatti in Mumbai are aged below 30 years and the ratio of the number of people below 30 and above 30 years old who drive Ferrari in Mumbai is 3 : 5. Find the number of people aged above 30 years who drive supercars in Mumbai.

1. 300
2. 340
3. 330
4. 350
5. 310

Q:4 Direction: The bar graph below shows the number of people who drive supercars: Lamborghini, Ferrari, and Bugatti in 4 cities: Delhi, Chandigarh, Mumbai, and Bengaluru. Study the graph carefully and answer the questions that follow.

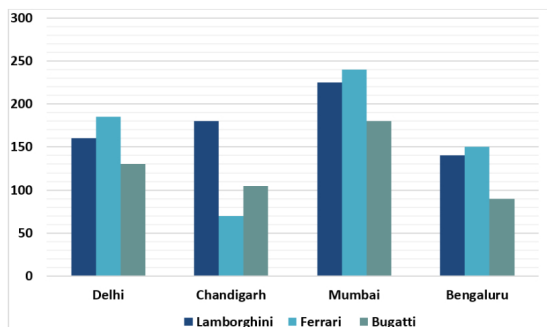


The number of women who drive Ferrari in Delhi is

25% of the total number of people who drive supercars in Bengaluru. Find the number of men who drive Ferrari in Delhi.

1. 85
2. 95
3. 110
4. 90
5. 100

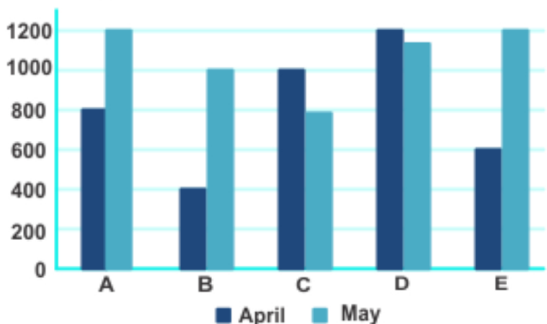
Q:5 Direction: The bar graph below shows the number of people who drive supercars: Lamborghini, Ferrari, and Bugatti in 4 cities: Delhi, Chandigarh, Mumbai, and Bengaluru. Study the graph carefully and answer the questions that follow.



What is the ratio of the total number of people who drive Bugatti and those who drive Lamborghini in all 4 cities together?

1. 100 : 143
2. 101 : 141
3. 103 : 141
4. 103 : 143
5. 101 : 143

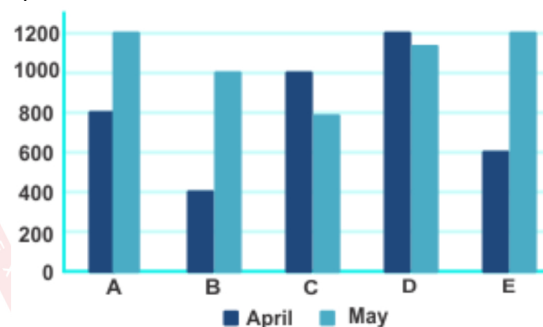
Q:6 Direction: The bar chart shows the units of laptops sold in two different months (i.e. April and May) by 5 different companies (A, B, C, D & E). Read the bar chart given below and answer the following questions.



Laptops sold by companies A and B together in April are how much more or less than the average number of laptops sold by companies C and E in May?

1. 400 more
2. 200 less
3. 800 less
4. 200 more
5. 600 less

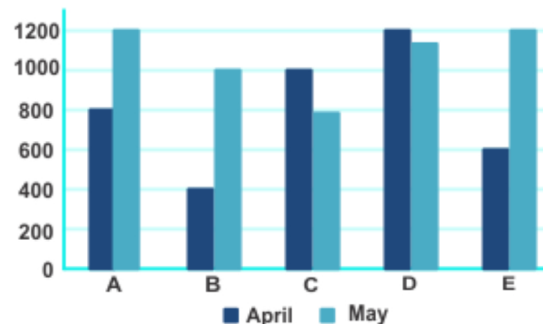
Q:7 Direction: Bar chart shows the units of laptops sold in two different months (i.e. April and May) by 5 different companies (A, B, C, D & E). Read the bar chart given below and answer the following questions.



The average number of laptops sold by companies A, D, and E in May is what percent of laptops sold by company C in April?

1. 118.33%
2. 128%
3. 84.66%
4. 156%
5. 144%

Q:8 Direction: Bar chart shows the units of laptops sold in two different months (i.e. April and May) by 5 different companies (A, B, C, D & E). Read the bar chart given below and answer the following questions.



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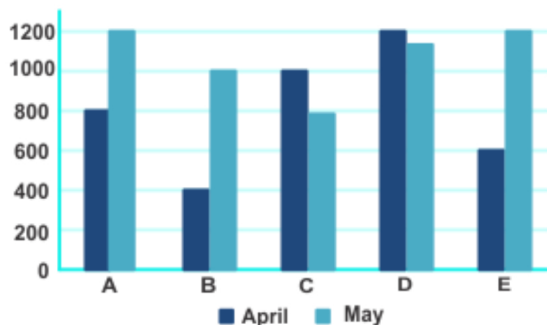
Quantitative Aptitude - DI (Bar Graph)

English

Find ratio of laptops sold by companies A and E together in April to laptops sold by companies B & D together in May.

1. 1 : 4
2. 2 : 9
3. 28 : 43
4. 7 : 12
5. 3 : 7

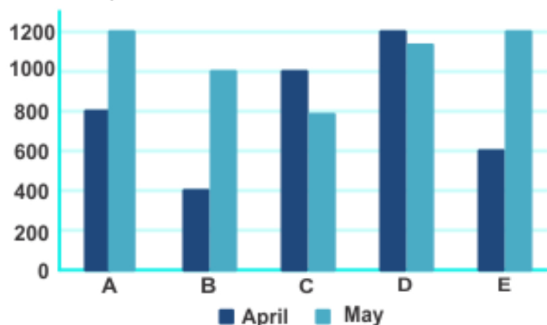
Q:9 Direction: The bar chart shows the units of laptops sold in two different months (i.e. April and May) by 5 different companies (A, B, C, D & E). Read the bar chart given below and answer the following questions.



Total laptops sold by all 5 companies in May are what percent more or less than total laptops sold by all 5 companies in April?

1. 18.25% more
2. 45.4% less
3. 50% more
4. 36% less
5. 33.75% more

Q:10 Direction: The bar chart shows the units of laptops sold in two different months (i.e. April and May) by 5 different companies (A, B, C, D & E). Read the bar chart given below and answer the following questions.



Find the ratio of laptops sold by companies B and E together in April to laptops sold by companies C and D together in May.

1. 13 : 18
2. 20 : 39
3. 7 : 15
4. 11 : 23
5. None of these

Answer Key

1. (1)	2. (2)	3. (3)	4. (4)	5. (2)
6. (4)	7. (1)	8. (3)	9. (5)	10. (2)

Answers and Solutions

Q:1 The correct answer is **option 1** i.e. **791**

Total number of people who drive Ferrari in all 4 cities together

$$= (185 + 70 + 240 + 150) = 645$$

So, Number of people who decided to buy Bugatti or Lamborghini cars = $645 \times 0.2 = 129$

So, Number of people who decided to buy a Lamborghini car = $129 \times \frac{2}{3} = 86$

So, New number of people who drive Lamborghini in 4 cities together

$$= (160 + 180 + 225 + 140) + 86 = 791$$

Q:2 The correct answer is **option 2** i.e. **52%**

Total number of people who drive Super cars in Bengaluru = $140 + 150 + 90 = 380$

and Total number of people who drive Lamborghini and Ferrari in Chandigarh = $180 + 70 = 250$

$$\text{Hence, Required percentage} = \left[\frac{(380 - 250)}{250} \right] \times 100 = 52\%$$

Q:3 The correct answer is **option 3** i.e. **330**

From the Bar graph:

Number of people who drive Lamborghini in Mumbai = 225

Number of people who drive Bugatti in Mumbai = 180

Number of people who drive Ferrari in Mumbai = 240

Given: $\frac{5}{9}$ th of the total number of people who drive Lamborghini and Bugatti in Mumbai are aged below 30 years.

So, Number of people aged above 30 years who drive Lamborghini and Bugatti in Mumbai

$$= \frac{4}{9} \times (225 + 180) = 180$$

and Given: Ratio of number of people below 30 and above 30 years old who drive Ferrari in Mumbai is 3 : 5.

So, Number of people aged above 30 years who drive Ferrari in Mumbai = $\frac{5}{8} \times 240 = 150$

$$\text{Hence, Required number of people} = 180 + 150 =$$

330

Q:4 The correct answer is **option 4** i.e. **90**

Total number of people who drive super cars in Bengaluru = $(140 + 150 + 90) = 380$

So, Number of women who drive Ferrari in Delhi = $0.25 \times 380 = 95$

Hence, Number of men who drive Ferrari in Delhi = $185 - 95 = 90$

Q:5 The correct answer is **option 2** i.e. **101 : 141**

From the bar graph:

Total number of people who drive Bugatti in all cities together = $(130 + 105 + 180 + 90) = 505$

Total number of people who drive Lamborghini in all cities together = $(160 + 180 + 225 + 140) = 705$

Hence, Required ratio = $505 : 705 = 101 : 141$

Q:6 The correct answer is **Option 4** i.e. **200**

Laptops sold by company A and B together in April = $800 + 400 = 1200$

Average number of laptops sold by company C and E in May = $(800 + 1200)/2 = 1000$

Hence, difference = $1200 - 1000 = 200$ more

Q:7 The correct answer is **Option 1** i.e. **118.33%**

Average number of laptops sold by companies A, D and E in May

$$= \frac{(1200 + 1150 + 1200)}{3} = \frac{3550}{3} = 1183.33$$

Laptops sold by company C in April = 1000

$$\text{Required Percentage} = \frac{1183.33}{1000} \times 100 = 118.33\%$$

Q:8 The correct answer is **Option 3** i.e. **28 : 43**

Laptop sold by companies A and E together in April = $800 + 600 = 1400$

Laptop sold by companies B and D together in May = $1000 + 1150 = 2150$

Hence, Required ratio = $1400 : 2150 = 28 : 43$

Q:9 The correct answer is **Option 5** i.e. **33.75%**

Total laptops sold by all 5 companies in May = $1200 + 1000 + 800 + 1150 + 1200 = 5350$

Total laptops sold by all 5 companies in April = $800 + 400 + 1000 + 1200 + 600 = 4000$

Hence,

$$\text{Required Percentage} = \left[\frac{(5350 - 4000)}{4000} \right] \times 100 = \frac{1350}{40} = 33.75\% \text{ more}$$



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Quantitative Aptitude - DI (Bar Graph)

English

Q:10 The correct answer is **Option 2** i.e. **20 : 39**

Laptops sold by companies B and E together in April = $400 + 600 = 1000$

Laptops sold by companies C and D together in May = $800 + 1150 = 1950$

Hence,

Required ratio = $1000 : 1950 = 20 : 39$

