

## GAT-B Arts, Humanities & Social Science Quantitative

	y/x Column B x/y - 1 x = 2y	
8	Notes:Sometimes,in certain question,information concerning one or both the quantities to be compared is centered above the two columns. A symbol that in both columns represents the same thing in column A as it does in column B.  Column A	B. B C. C D. D
	Direction:In the following type of question,each consists of two quantities,one in column A and one in column B.You must compare two quantities and on the answer sheet fill in.  A.If the quantity in column A is greater.  B.If the quantity in column B is greater.  C.If the two quantities are equal.  D.If the relationship cannot be determined from the information given.	A. A
7	A rectangular field which is twice as long as it is broad, has an area of 14450 $\mbox{m}^2$ , what is its perimeter ?	A. 85 m B. 510 m C. 165 m D. 170 m
6	Question Image	A. 4/π B. 1/1 C. 2/3 D. 1/2
5	Mohin is now three times Mohsin age. Four years from now Mohin will be y years old. In terms of y, how old will Mohsin be ?	A. <i>x</i> - 4/3 B. <i>x</i> + 4/3 C. <i>x</i> + 4 D. <i>x</i> - 4
4	If 15 workers can paint a certain number of houses in 24 days, how many days will 40 workers take, working at the same rate, to do the same job?	A. 12 days B. 18 days C. 15 days D. 9 days
3	The cost of manufacturing sports shoes in Macao is 25% less than the cost of manufacturing them in the Philippines. Even after transportation fees and tariff charges are added, it is still cheaper for a company to import sport shoes from Macao to the Philippines than to manufacture sports shoes in the Philippines.  Q:The statements above, if true, best support which of the following assertions?	A. Labor costs in Macao are 25% below those in the Philippines B. Importing sports shoes from Macao to the Philippines will eliminate 25% of the manufacturing jobs in the Philippines C. The tariff on sports shoes imported from Macao to the Philippines is less than 25% of the cost of manufacturing sports shoes in the Philippines D. <div>The fee for transporting a pair of sports shoes fromMacao to the Philippines is more than 25% of cost of manufacturing the shoes in Macao</div>
2	A farmer wants to fence a triangular field. He plans to put a fencing post in each corner and place other posts at equal distance along its sides. He wants the posts to be as far apart as possible. The sides of the field are 477 feet 2412 feet and 636 long. How far apart will the posts be ?	A. 18 feet B. 9 feet C. 27 feet D. 159 feet
1	Four people are asked to stand in a straight line. In how many different orders can they line up?	A. 12 B. 16 C. 24 D. 6
Sr	Questions	Answers Choice

10	If 7 apples cost y cents, how many apples will x dollars buy?	A. x/7y B. 7x/y C. 7x/100y D. 700x/y
11	The chairs in the school hall can be set out in 35 equal rows or in 45 equal rows or in 105 equal rows are:	A. 600 B. 400 C. 40 D. 80
12	Question Image	A. Volume of the cube is less than the volume of the box B. Volume of the cube is greater than the volume of box C. Volume of the cube is equal to the volume of box D. The surface area of both cube and box are equal
13	If A > B an C < 0, then which of the following is not true?	A. AC < BC B. A + C > B + C C. A - C < B - C D. All of the above
14	A man bought 20 used laptops at \$200 each, 9 at \$300 each, and 6 at \$100 each. Find the average price per laptops	A. \$250.55 B. \$208.57 C. \$400.50 D. \$380
15	If a line passes through the points $(x, y)$ and $(1/x, y)$ , then its slope is	A. 1/ <i>y</i> B. 0 C. 1 - <i>y</i> <sup>2 </sup> / <i>y</i> D. 1
16	Direction:In the following type of question,each consists of two quantities, one in column A and one in column B. You must compare two quantities and on the answer sheet fill in.  A. If the quantity in column A is greater. B. If the quantity in column B is greater. C. If the two quantities are equal. D. If the relationship cannot be determined from the information given.  Notes:Sometimes, in certain question, information concerning one or both the quantities to be compared is centered above the two columns. A symbol that in both columns represents the same thing in column A as it does in column B.  Column A  (3 <sup>0</sup> )(9 <sup>1</sup> ) Column B	A. A B. B C. C D. D
17	The value of $(5x+6)(x+12)$ - $(5x-6)(x+3)$ is:	A. 2(5 <i>x</i> <sup>2</sup> + 9 <i>x</i> ) B. 14 C. 4 D. 22
18	Direction:In the following type of question,each consists of two quantities,one in column A and one in column B.You must compare two quantities and on the answer sheet fill in.  A.If the quantity in column A is greater. B.If the quantity in column B is greater. C.If the two quantities are equal. D.If the relationship cannot be determined from the information given.  Notes:Sometimes,in certain question,information concerning one or both the quantities to be compared is centered above the two columns.A symbol that in both columns represents the same thing in column A as it does in column B.  Column A  The average (arithmetic mean) of a and b Column B The average (arithmetic mean) of a,b and 2b	A. A B. B C. C D. D

19	The area of an equilateral triangle whose altitude is 10, is:	A. 8√3 B. 2√3 C. 96√3 D. 4√3	
20	The average of five numbers is 54. If three of the numbers are 26, 28 and 30, what is the average of the other two?	A. 91 B. 93 C. 54 D. 186	