

Mathe Questions for CLAT From										
Maths Questions for CLAT Exam.										
CLAT Maths Quiz 36										
Directions: Read the following Questions carefully and choose the right answer:										
1. Each member in a kitty party contributed twice as many rupees as the total number of members present and total collection was Rs. 9248. The number of members present in the party was?										
A. 68	B. 56	C. 42	D. 66							
2. The product of two numbers is 2560 and their HCF is 16. The LCM of the numbers will be?										
A. 150	B. 160	C. 48	D. 75							
3. Average salary of all the workers in a factory is Rs. 20,000. The average salary of 10 accountants is Rs. 25,000 and the average salary of all the remaining workers is Rs. 15,000. Find the total number of workers in the factory?										
A. 25	B. 22	C. 20	D. 18							
4. The ratio of the income of Ravi and Supal is 5 : 3 and their respective expenditure is 9 : 5.If they save Rs. 5200 and Rs. 3600 respectively, find the income of Supal?A. 9000B. 10, 000C. 9600D. 10, 800										
5. Ravi is flying a kite with a 300 meter long thread. If the thread (assuming thread to be in straight line) of Kite makes an angle of 60° with the plane surface, find the height of the kite from the ground?										
A. 75√3	B. 150√3	C. 150	D. 180							
6. If 70 % of students in a school are boys and the number of girls be 1008. Find the number of boys in the same school.										
A. 2352	B. 2450	C. 2682	D. 2500							
7. A sum was lent at simple interest at a certain rate for 2 years. Had it been lent for 3% higher rate, it would have fetched Rs. 600 more. The original sum of money was?										
A. 10,000	B. 9000	C. 9500	D. 11000							
8. Profit after selling a commodity for Rs. 5240 is same as loss after selling it for Rs. 4520. Find the cost price of the commodity?										
A. 5000	B. 5120	C. 4680	D. 4880							

9. Vinayak has to cover a distance of 6 km in 45 min. If he covers one-half of the distance in 2/3rd time, what should be his speed to cover the remaining distance in the remaining time?											
A. 15 km/	A. 15 km/h B. 12 km/h			n/h		C. 8 km/h			D. 20 km/h		
10. A tap can fill a tank in 6 hours and another tap can empty it in 12 hours. If both the taps are open, the time taken to fill the tank will be?											
A. 11 hou	hours B. 12 hours					C. 15 hours			D. 16 hours		
Correct Answers:											
	1 A	2 B	3 C	4 C	5 B	6 A	7 A	8	9 B	10 B	
Explanations:1. Let the number of members in the party be x.As, per the given condition:Each member has given twice as many rupees as number of members, $\therefore x \times 2x = 9248$ $2x^2 = 9248$ $x^2 = 4624$ Taking square root of both the sides, $x = 68$.Option A, is hence the correct answer.											
2. As, HCF × LCM = Product of two numbers So, $16 \times LCM = 2560$ $LCM = \frac{2560}{16}$ = 160 So, the LCM of the given numbers= 160 Option B, is hence the correct answer.											





8. Let the cost price of the commodity be x. Now, 5240 - x = x - 45205240 + 4520 = 2xx = 4880 So the cost price of the article is 4880. Option D, is hence the correct answer. 9. As per the question, Remaining distance that has to be covered = $6 - \frac{1}{2} \times 6 = 3$ km Remaining time = $45 - \frac{2}{3} \times 45$ = 45 - 30 = 15 min $=\frac{1}{4}$ hour Thus, required speed to cover the remaining distance in the remaining time $=\frac{3}{1/4}=12$ km/h Hence, option B is correct. 10. Part of Cistern filled in one hour = $\frac{1}{6}$ Part of the cistern emptied in one hour = $\frac{1}{12}$ When, both the pipes are opened simultaneously, part of cistern filled in one hour $=\frac{1}{6}-\frac{1}{12}=\frac{1}{12}$ Hence, the cistern will be filled in 12 hours. Option B, is hence the correct answer.

