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(Till Jan17th) 1. There is a triangle which has all acute angles. If two sides of a triangle are given as 3, 4 then find the range of the third side x ? 2. $5(2^n - 1) = 20$ Col A: n Col B: 43. There was a ladder given. The ladder is of length 5 and it is displaced i.e slanted downwards such that it falls x mts in height and its horizontal length increases by y mts. Col A: x Col B: y 4. Given a square with a circle inscribed in it and the radius of the circle is r . Another circle is given with a square inscribed in it and the radius of this circle is also r . Col A: The difference in area of the first square and circle Col B: The difference in area of the second square and circle 5. $-8 < m < 10$, $m, n = 4$. Find the least possible value of mn ? a. 0 b. -32 c. -140 6. $m(\text{square}) n(\text{square}) = 17$ Col A: m, n Col B: 5 Ans: D 7. Col A: $\sqrt{(2x-5)^2 + 5}$ (x value is given some range..) Col B: 28. If $\left[\frac{x - (1/x)}{x-1} \right] = 100$, then find $\left[\frac{x - (1/x)}{x+1} \right]$? 9. Compare the standard deviation of the following numbers. Col A: 9, 9, 10, 11, 11 Col B: 6, 8, 10, 12, 14 10. If 20 men can do a work in 10 days... working 4 hrs a day, then how many days will 10 men take to complete the same work provided if they work 6 hrs a day? (All the values mentioned in this Question are assumed values). 100Test 下载频道开通，各类考试题目直接下载。详细请访问 www.100test.com