

考试题库2005年2月GMAT试题math机经总结 PDF转换可能丢失图片或格式，建议阅读原文

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- 1、一个圆以原点为圆心，一条直线与它相切于 $(-\sqrt{2}, \sqrt{2})$ ，问该直线斜率  
答案：1
- 2、一个圆以原点为圆心，1为半径，一条直线过原点且斜率为1，问与它交于下列哪个点。答案： $(\frac{\sqrt{2}}{2}, \frac{\sqrt{2}}{2})$
- 3、to bid a project, the cost includes material cost and labor cost, ask the percentage of Xs bid cost to Ys bid cost?  
a. Xs costs are 20% higher than labor costs and 10% higher than material costs.  
b. Of total costs, YS 60% are labor costs. (今天让我最头疼的一道题，和去年2月的73th JJ不同，犹豫半天，选了个E)
- 4、给出一个table, 上面是八个国家的per####, 问能得出下面的什么。  
(简单，都是基本数字对比，送分题)
- 5、一种酒，用bottle装，用船运给买家。单价40\$, 买n瓶时，需要付的钱有包括酒价和运费，运费又包括两部分，一是全部酒价的5%，二是每运一船的5\$。问，如果最后算出每瓶酒包括运费在内的实际价格小于42.5\$, n最小是多少。答案：11
- 6、x1 (1) 每一个数都是前一个数的两倍 (2)  $x_4 = 4x_2$  答案：e
- 7、x/2为整数，x/3是整数，问x能不能被12整除 (1) x能被6整除 (2) x/2是even  
答案：b
- 8、几张牌分别是 35 28 64 57 (数字不准)，抽出一张，问剩下的range 是多少。1) 抽出的是5的倍数 2) 抽出的是odd number. 差点就选a了，应选d. 问的是range.(最大和最小的都是even)
- 9、A company 's profit increased x percent in 1980 than 1975, and increased y percent in 1985 than in 1980, what percent increased in 1985 than 1975. 1)  $x y = 4$  2)  $(1 + x/100) (1$

$y/100)=4$  b 10、 The area of a round pool is 63, and the area of a passage around the pool is 18, ask the width of the passage is most approximate to which of the following answer 2.0 1.5 1.0 1.3 要知道根号7的值，可是把我算死了，我选了1.0 还有一题要知道根号10，大家记一下，免得到时候抓狂 11、 to bid a project, the cost includes material cost and labor cost, ask the percentage of Xs bid cost to Ys bid cost? a.Xs costs are 20% higher than labor costs and 10% higher than material costs. b. Of total costs, YS 60% are labor costs. 这是昨天的jj，我也选了E。 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](http://www.100test.com)