

数学冲刺

GMAT

整体课程介绍

第一章
GMAT数学答题注意事项

第四章
几何

第七章
统计

第二章
整数的性质


第五章
数列

第八章
文字题

第三章
代数

第六章
排列组合与概率

第九章
考前冲刺复习



第一章 GMAT数学答题注意事项

本节课授课要点

1.1

DS题目的解题误区

1.2

做题时间安排与考场心态

1.1 DS题目的解题误区

If x is negative, is $x < -3$?

(1) $x^2 > 9$

(2) $x^3 < -9$

- A. Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.
- B. Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.
- C. BOTH statement TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.
- D. EACH statement ALONE is sufficient.
- E. Statement (1) and (2) TOGETHER are NOT sufficient.

1.1 DS题目的解题误区

什么叫能够回答问题？

- ◆ 特殊疑问句
 - What is the value of x ?
 - (1) $x^2=4$
 - (2) x is positive
- ◆ 唯一答案才叫回答问题
- ◆ 一般疑问句
 - Is $x>2$?
 - (1) $x=1$
 - (2) $x+1=2$
 - Yes or no 都算回答问题

1.1 DS题目的解题误区

- ◆ 1. 不客观——脑补条件

How many minutes long is time period M?

(1) Time period M is 4 hours-long.

(2) Time period M starts at 9 a.m. and ends at 1 p.m.

1.1 DS题目的解题误区

- ◆ 2. 无视题目关键信息

If x is negative, is $x < -3$?

(1) $x^2 > 9$

(2) $x^3 < -9$

1.1 DS题目的解题误区

- ◆ 3. C的误选——带着条件（1）看条件（2）

In the xy -plane, the sides of a certain rectangle are parallel to the axes. If one the vertices of the rectangle is $(-1, -2)$, what is the perimeter of the rectangle?

One of the vertices of the rectangle is $(2, -2)$.

One of the vertices of the rectangle is $(2, 3)$.

1.1 DS题目的解题误区

- ◆ 4. 认为某一条件推出结果不唯一即为无法判断

Is $x > 3$?

(1) $x^2=4$

(2) $x+2=4$

1.1 DS题目的解题误区

◆ 5. 对题干限制信息加工不足

$$a_1, a_2, a_3, \dots, a_{15}$$

In the sequence shown, $a_n = a_{n-1} + k$, where $2 \leq n \leq 15$ and k is a nonzero constant. How many of the terms in the sequence are greater than 10?

(1) $a_1 = 24$

(2) $a_8 = 10$

1.1 DS题目的解题误区

- ◆ 6. 认为一个方程无法解两个未知数

Marta bought several pencils. If each pencil was either a 23-cent pencil or a 21-cent pencil, how many 23-cent pencils did Marta buy?

(1) Marta bought a total of 6 pencils.

(2) The total value of the pencils Marta bought was 130 cents.

1.1 DS题目的解题误区

◆ 7.认为两个方程一定能解两个未知数

Linda put an amount of money into each of two new investments, A and B, that pay simple annual interest. If the annual interest rate of investment B is $1\frac{1}{2}$ times that of investment A, what amount did Linda put into investment A?

(1) The interest for 1 year is \$50 for investment A and \$150 for investment B.

(2) The amount that Linda put into investment B is twice the amount that she put into investment A.

1.1 DS题目的解题误区

- ◆ 1. 看时间
- ◆ 2. 看把握性
- ◆ 3. 看计算复杂程度

本节课授课要点

1.1

DS题目的解题误区

1.2

做题时间安排与考场心态

1.2 做题时间安排与考场心态

- ◆ 1. 做题的节奏
- ◆ 37题 75mins, 2分钟一道
- ◆ 前10道题要不要慢点做?
- ◆ 1个题做不出来应该用多长时间?
- ◆ 要不要检查?
- ◆ 2. 舍得放弃

回顾本节课授课要点

1.1

DS题目的解题误区

1.2

做题时间安排与考场心态

预告下节课授课要点

2.1
奇数与偶数

2.2
因数、质数与合数

2.3
质因数

2.4
整除和余数

2.5
连续数

THANK YOU