

数学冲刺

GMAT

整体课程介绍

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GMAT数学答题注意事项

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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