If n is a positive integer and r is the remainder when (n-1)(n+1) is divided by 24, what is the value of r?

(1) 2 is not a factor of n.

(2) 3 is not a factor of n.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案:					我的耗时155s	平均正确率: 45.16%
C

0除以任何数字，余数都是0

If n = 3k, is k an integer?

(1) n is an integer.

(2) $\frac{n}{6}$ is an integer.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案:					我的耗时54s	平均正确率: 77.27%
B

0=3*0

If x(x - 5)(x + 2) = 0, is x negative?

(1) $x^2 - 7x \neq 0$

(2) $x^2 - 2x - 15 \neq 0$

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：
C

我的耗时78s   平均正确率：66.67%

X 不等于 0 or 7

If r, s, and t are positive integers, is r + s + t even?

(1) r + s is even.

(2) s + t is even.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：
E

我的耗时54s   平均正确率：83.33%

From 1985 to 1994, what was the percent increase in total United States trade?

(1) Total United States trade in 1985 was 17 percent of gross domestic product in 1985.

(2) Total United States trade in 1994 was 23 percent of gross domestic product in 1994.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：   我的耗时25s   平均正确率：66.67%
E

If the average (arithmetic mean) of four different numbers is 30, how many of the numbers are greater than 30?

(1) None of the four numbers is greater than 60.

(2) Two of the four numbers are 9 and 10, respectively.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：   我的耗时76s   平均正确率：64.00%
C

What is the value of the integer n?

(1) $n(n + 2) = 15$

(2) $(n + 2)^n = 125$

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案: B

我的耗时83s   平均正确率: 50.00%

If x and y are positive integers and r is the remainder when $3^{4x + 2} + y$ is divided by 10, what is the value of r?

(1) $x = 25$

(2) $y = 1$

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案: B

我的耗时109s   平均正确率: 26.09%

Sue's monthly earnings consist of a monthly salary and a 4 percent commission on the portion of her monthly sales that is in excess of $2,000. If Sue's monthly salary was the same in July as in August, how much greater were her sales in July than in August?

(1) Sue's monthly earnings were $3,620 in July and $3,580 in August.

(2) Sue's monthly salary was $3,500 in July and in August.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：
C

我的耗时95s   平均正确率：36.84%

需 要 考 虑 到 实 际 上   有 可 能 销 量 没 有 超 过 2000

The total amount that a certain bank loaned in 1998 was $47 million. How many dollars did the bank loan in June of 1998 for car loans?

(1) 18 percent of the amount that the bank loaned in June of 1998 was for car loans.

(2) 8 percent of the total amount that the bank loaned in 1998 was loaned in June.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案:　　　　　　　　　　　　　我的耗时38s　　平均正确率: 53.85%
C

If $s^4 v^3 x^7 < 0$, is $svx < 0$?

(1) $v < 0$

(2) $x > 0$

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案:　　　　　　　　　　　　　我的耗时19s　　平均正确率: 62.50%
E

What is the remainder when the positive integer x is divided by 8?

(1) When x is divided by 12, the remainder is 5.

(2) When x is divided by 18, the remainder is 11.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　我的耗时174s　　平均正确率：53.33%
E

列举法 都列出来

All pairs of consecutive positive integers have greatest common factor as 1.

If x and y are nonzero integers, is 18 a factor of xy^2?

(1) x is a multiple of 54.

(2) y is a multiple of 6.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　我的耗时95s　　平均正确率：70.59%
D

One kilogram of a certain coffee blend consists of x kilogram of type I coffee and y kilogram of type II coffee. The cost of the blend is C dollars per kilogram, where C = 6.5x + 8.5y. Is x < 0.8?

(1) y > 0.15

(2) C ≥ 7.30

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　　　我的耗时105s　　平均正确率：7.14%
B

If m, p, and t are positive integers and m < p < t, is the product mpt an even integer?

(1) t – p = p - m

(2) t – m = 16

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　　　我的耗时118s　　平均正确率：41.67%
E

If ab = 1, what is the value of (axb)(ayb)?

(1) ax = by = 2

(2) 2xy = 4

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　　我的耗时80s　　平均正确率：64.29%
D

A department manager distributed a number of pens, pencils, and pads among the staff in the department, with each staff member receiving x pens, y pencils, and z pads. How many staff members were in the department ?

(1) The numbers of pens, pencils, and pads that each staff member received were in the ratio 2 : 3 : 4, respectively.

(2) The manager distributed a total of 18 pens, 27 pencils, and 36 pads.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　　我的耗时55s　　平均正确率：25.00%
E

2:3:4

Mary persuaded n friends to donate $500 each to her election campaign, and then each of these n friends persuaded n more people to donate $500 each to Mary's campaign. If no one donated more than once and if there were no other donations, what was the value of n?

(1) The first n people donated $\frac{1}{16}$ of the total amount donated.

(2) The total amount donated was $120,000.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　我的耗时203s　平均正确率：57.14%
D

What is the value of $(x - y)^4$?

(1) The product of x and y is 7.

(2) x and y are integers.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　我的耗时30s　平均正确率：54.55%
C

What is the remainder when the two-digit, positive integer x is divided by 3 ?

(1) The sum of the digits of x is 5.

(2) The remainder when x is divided by 9 is 5.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　　　　我的耗时33s　　平均正确率：61.54%
D

Is x greater than y ?

(1) $x - y^2 > 0$

(2) $xy < 0$

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　　　　我的耗时110s　　平均正确率：75.00%
C

Was the average (arithmetic mean) weight of the package mailed at a certain post office yesterday greater than 600 grams?

(1) The total weight of the packages mailed at the post office yesterday was greater than 14,500 grams.

(2) Fewer than 25 packages were mailed at the post office yesterday.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案:
C

我的耗时37s　平均正确率: 60.00%

Juan bought some paperback books that cost $8 each and some hardcover books that cost $25 each. If Juan bought more than 10 paperback books, how many hardcover books did he buy?

(1) The total cost of the hardcover books that Juan bought was at least $150.

(2) The total cost of all the books that Juan bought was less than $260.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　　我的耗时110s　　平均正确率：33.33%
C

For any integers x and y, min(x, y) and max(x, y) denote the minimum and the maximum of x and y, respectively. For example, min(5, 2) = 2 and max(5, 2) = 5. For the integer w, what is the value of min(10, w) ?

(1) w = max(20, z) for some integer z.

(2) w = max(10, w)

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　　我的耗时63s　　平均正确率：57.14%
D

If $|m + 4| = 2$, what is the value of m ?

(1) m < 0

(2) $m^2 + 8m + 12 = 0$

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　我的耗时33s　　平均正确率：50.00%

E

Of the people who attended a workshop, 60 percent were teachers and some of the teachers were teachers of language arts. What percent of the people who attended the workshop were teachers of language arts?

(1) 200 people attended the workshop.

(2) 72 of the teachers who attended the workshop were not teachers of language arts.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　我的耗时47s　　平均正确率：44.44%

C

仔　　　　　　细　　　　　　审　　　　　　题

If −2x > 3y, is x negative?

(1) y > 0

(2) 2x + 5y − 20 = 0

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：　　　　　　　　　　　　　　　　　我的耗时68s　平均正确率：44.44%

D

Yesterday Diana spent a total of 240 minutes attending a training class, responding to E-mails, and talking on the phone. If she did no two of these three activities at the same time, how much time did she spend talking on the phone?
(1) Yesterday the amount of time that Diana spent attending the training class was 90 percent of the amount of time that she spent responding to E-mails.
(2) Yesterday the amount of time that Diana spent attending the training class was 60 percent of the total amount of time that she spent responding to E-mails and talking on the phone.

○　Statement (1) ALONE is sufficient, but statement (2) alone is not sufficient.

○　Statement (2) ALONE is sufficient, but statement (1) alone is not sufficient.

○　BOTH statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

○　EACH statement ALONE is sufficient.

○　Statements (1) and (2) TOGETHER are NOT sufficient.

Did no two

A total of $60,000 was invested for one year. Part of this amount earned simple annual interest at the rate of x percent per year, and the rest earned simple annual interest at the rate of y percent per year. If the total interest earned by the $60,000 for that year was $4,080, what is the value of x?

(1) $x = \frac{3y}{4}$

(2) The ratio of the amount that earned interest at the rate of x percent per year to the amount that earned interest at the rate of y percent per year was 3 to 2.

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 statements TOGETHER are sufficient, but NEITHER statement ALONE is sufficient.

D. EACH statement ALONE is sufficient.

E. Statements (1) and (2) TOGETHER are NOT sufficient.

正确答案：   我的耗时230s   平均正确率：37.50%
C