题目信息-DS数学-OG 收藏题目

The cost of 10 pounds of apples and 2 pounds of grapes was $12. What was the cost per pound of apples?

(1) The cost per pound of grapes was $2.

(2) The cost of 2 pounds of apples was less than the cost of 1 pound of grapes.

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：
A

我的耗时40s 平均正确率：81.13%

题目信息-DS数学-OG 收藏题目

In a certain group of 50 people, how many are doctors who have a law degree?

(1) In the group, 36 people are doctors.

(2) In the group, 18 people have a law degree.

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26s 平均正确率：75.00%

题目信息-DS数学-OG 收藏题目

A certain painting job requires a mixture of yellow, green, and white paint If 12 quarts of paint are needed for the job, how many quarts of green paint are needed?

(1) The ratio of the amount of green paint to the amount of yellow and white paint combined needs to be 1 to 3.

(2) The ratio of the amount of yellow paint to the amount of green paint needs to be 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：
A

我的耗时55s 平均正确率：60.34%

题目信息-DS数学-OG 收藏题目

A certain computer company produces two different monitors, P and Q. In 2010，what was the net profit from the sale of the two monitors?

(1) Of the company's expenses in 2010, rent and utilities totaled $500,000.

(2) In 2010, the company sold 50,000 units of monitor P at $300 per unit and 30,000 units of monitor Q at $650 per unit.

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28s 平均正确率：33.33%

题目信息-DS数学-OG 收藏题目

For a certain city's library, the average cost of purchasing each new book is $28. The library receives $15,000 from the city each year; the library also receives a bonus of $2,000 if the total number of items checked out over the course of the year exceeds 5,000. Did the library receive the bonus last year?

(1) The library purchased an average of 50 new books each month last year and received enough money from the city to cover this cost.

(2) The lowest number of items checked out in one month was 459.

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：
D

我的耗时81s 平均正确率：44.44%

题目信息-DS数学-OG 收藏题目

A telephone station has x processors, each of which can process a maximum of y calls at any particular time, where x and y are positive integers. If 500 calls are sent to the station at a particular time, can the station process all of the calls?

(1) x = 600

(2) 100<y<200

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：
A

我的耗时44s 平均正确率：71.43%

The only articles of clothing in a certain closet are shirts,dresses, and jackets. The ratio of the number of shirts to the number of dresses to the number of jackets in the closet is 9:4:5,respectively. If there are more than 7 dresses in the closet, what is the total number of articles of clothing in the closet?

(1) The total number of shirts and jackets in the closet is less than 30.

(2) The total number of shirts and dresses in the closet is 26.

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：

D

我的耗时115s　平均正确率：53.33%

题目信息-DS数学-OG 收藏题目

Last year, if Arturo spent a total of $12,000 on his mortgage payments, real estate taxes, and home insurance, how much did he spend on his real estate taxes?

(1) Last year, the total amount that Arturo spent on his real estate taxes and home insurance was 331 percent of the amount that he spent on his mortgage payments.

(2) Last year, the amount that Arturo spent on his real estate taxes was 20 percent of the total amount he spent on his mortgage payments and home insurance.

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97s 平均正确率：64.81%

The table above shows the results of a survey of 100 voters who each responded "Favorable" or "Unfavorable" or "Not Sure" when asked about their impressions of Candidate M and of Candidate N. What was the number of voters who responded "Favorable" for both candidates?

	Favorable	Unfavorable	Not Sure
Candidate M	40	20	40
Candidate N	30	35	35

(1) The number of voters who did not respond "Favorable" for either candidate was 40.
(2) The number of voters who responded "Unfavorable" for both candidates was 10.

- (●) 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.

A school administrator will assign each student in a group of n students to one of m classrooms. If 3<m<13<n, is It possible to assign each of the n students to one of the m classrooms so that each classroom has the same number of students assigned to it?
(1) It is possible to assign each of 3n students to one of m classrooms so that each classroom has the same number of students assigned to it.
(2) It is possible to assign each of 13n students to one of m classrooms so that each classroom has the same number of students assigned to it.

- ○ 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.

Tom, Jane, and Sue each purchased a new house. The average (arithmetic mean) price of the three houses was $120,000. What was the median price of the three houses?

(1) The price of Tom's house was $110,000.

(2) The price of Jane's house 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：
B

我的耗时20s　平均正确率：44.44%

What is the median number of employees assigned per project for the projects at Company Z ?

(1) 25 percent of the projects at Company Z have 4 or more employees assigned to each project.

(2) 35 percent of the projects at Company Z have 2 or fewer employees assigned to each project.

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39s　平均正确率：64.81%

At a certain clothing store, customers who buy 2 shirts pay the regular price for the first shirt and a discounted price for the second shirt. The store makes the same profit from the sale of 2 shirts that it makes from the sale of 1 shirt at the regular price. For a customer who buys 2 shirts, what is the discounted price of the second shirt?

(1) The regular price of each of the 2 shirts the customer buys at the clothing store is $16.

(2) The cost to the clothing store of each of the 2 shirts the customer buys is $12.

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：21.31%

Six shipments of machine parts were shipped from a factory on two trucks, with each shipment entirely on one of the trucks. Each shipment was labeled either S1, S2, S3, S4, S5, or S6. The table shows the value of each shipment as a fraction of the total value of the six shipments. If the shipments on the first truck had a value greater than $\frac{1}{2}$ of the total value of the six shipments, was S3 shipped on the first truck?

Shipment	S1	S2	S3	S4	S5	S6
Fraction of the Total Value of the Six Shipments	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{6}$	$\frac{3}{20}$	$\frac{2}{15}$	$\frac{1}{10}$

(1) S2 and S4 were shipped on the first truck.

(2) S1 and S6 were shipped on the second truck.

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112s　平均正确率：23.73%

At what speed was a train traveling on a trip when it had completed half of the total distance of the trip?

(1) The trip was 460 miles long and took 4 hours to complete.

(2) The train traveled at an average rate of 115 miles per hour on the trip.

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78s　平均正确率：62.50%