- (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.

How many of the 60 cars sold last month by a certain dealer had neither power windows nor a stereo?

- (1) Of the 60 cars sold, 20 had a stereo but not power windows.
- (2) Of the 60 cars sold, 30 had both power windows and a stereo.

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.
- (C) Both statements together are sufficient, but neither statement alone is sufficient.

last year, did the company sell more than 21,000 units of product X last year?

- (1) The company's total revenue from the sale of product X last year was greater than \$110,000.
- (2) For each unit of product X sold last year, the company's revenue was \$5.

$$R - (100000 + 0.05R) \ge 0$$
  $R \ge 105263$ 

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

When a player in a certain game tossed a coin a number of times, 4 more heads than tails resulted. Heads or tails resulted each time the player tossed the coin. How many times did heads result?

- (1) The player tossed the coin 24 times.
- (2) The player received 3 points each time heads resulted and 1 point each time tails resulted, for a total of 52 points.

(D) Each statement alone is sufficient.

- (1) Last year the closing balance of Carl's account for April was less than \$2,625.
- (2) Last year the closing balance of Carl's account for June was less than \$2,675.

..., 2480, 2600, 2550...

(C) Both statements together are sufficient, but neither statement alone is sufficient.

Are all of the numbers in a certain list of 15 numbers equal?

- (1) The sum of all the numbers in the list is 60.
- (2) The sum of any 3 numbers in the list is 12.
- (B) Statement (2) alone is sufficient, but statement (1) alone is not sufficient.

If the average (arithmetic mean) of six numbers is 75, how many of the numbers are equal to 75?

- (1) None of the six numbers is less than 75.
- (2) None of the six numbers is greater than 75.

(D)Each statement alone is sufficient.

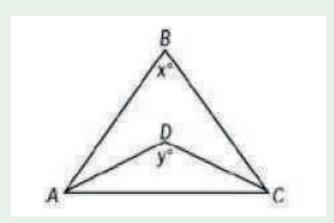
What was the total amount of revenue that a theater received from the sale of 400 tickets, some of which were sold at x percent of full price and the rest of which were sold at full price?

$$(1)x = 50$$

(2) Full-price tickets sold for \$20 each.

In the figure, what is the value of x + y?

$$(1)x = 70$$



(2) Triangle ABC and triangle ADC are both isosceles triangles.

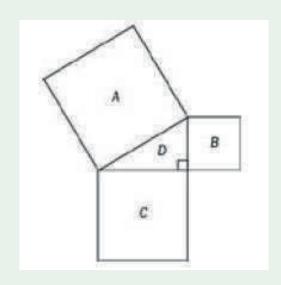
What amount did Jean earn from the commission on her sales in the first half of 1988?

- (1) In 1988 Jean's commission was 5 percent of the total amount of her sales.
- (2) The amount of Jean's sales in the second half of 1988 averaged \$10,000 per month more than in the first half.

In the figure above, if the area of triangular region D is 4, what is the length of a side of square region A?

- (1) The area of square region B is 9.
- (2) The area of square region C is 64/9.

(D) Each statement alone is sufficient.



A report consisting of 2,600 words is divided into 23 paragraphs. A 2-paragraph preface is then added to the report. Is the average (arithmetic mean) number of words per paragraph for all 25 paragraphs less than 120?

- (1) Each paragraph of the preface has more than 100 words.
- (2) Each paragraph of the preface has fewer than 150 words.
- (B) Statement (2) alone is sufficient, but statement (1) alone is not sufficient.

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