

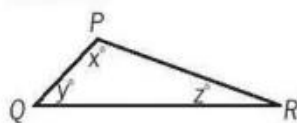
GMAT Quant Practice Test

Each data sufficiency problem consists of a question and two statements, labeled (1) and (2), which contain certain data. Using these data and your knowledge of mathematics and everyday facts (such as the number of days in July or the meaning of the word *counterclockwise*), decide whether the data given are sufficient for answering the question and then indicate one of the following answer choices:

- 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.

Note: In data sufficiency problems that ask for the value of a quantity, the data given in the statements are sufficient only when it is possible to determine exactly one numerical value for the quantity.

Example:



In $\triangle PQR$, what is the value of x ?

- (1) $PQ = PR$
- (2) $y = 40$

If the units digit of integer n is greater than 2, what is the units digit of n ?

- (1) The units digit of n is the same as the units digit of n^2 .
- (2) The units digit of n is the same as the units digit of n^3 .

What is the value of the integer p ?

- (1) Each of the integers 2, 3, and 5 is a factor of p .
- (2) Each of the integers 2, 5, and 7 is a factor of p .

If the length of Wanda's telephone call was rounded up to the nearest whole minute by her telephone company, then Wanda was charged for how many minutes for her telephone call?

- (1) The total charge for Wanda's telephone call was \$6.50.
- (2) Wanda was charged \$0.50 more for the first minute of the telephone call than for each minute after the first.

Is the standard deviation of the set of measurements $x_1, x_2, x_3, x_4, \dots, x_{20}$ less than 3?

- (1) The variance for the set of measurements is 4.
- (2) For each measurement, the difference between the mean and that measurement is 2.

Is the range of the integers 6, 3, y , 4, 5, and x greater than 9?

- (1) $y > 3x$
- (2) $y > x > 3$

Is $\frac{5^{x+2}}{25} < 1$?

- (1) $5^x < 1$
- (2) $x < 0$

Of the companies surveyed about the skills they required in prospective employees, 20 percent required both computer skills and writing skills. What percent of the companies surveyed required neither computer skills nor writing skills?

- (1) Of those companies surveyed that required computer skills, half required writing skills.
- (2) 45 percent of the companies surveyed required writing skills but not computer skills.

What is the value of $w + q$?

- (1) $3w = 3 - 3q$
- (2) $5w + 5q = 5$

If X and Y are points in a plane and X lies inside the circle C with center O and radius 2, does Y lie inside circle C ?

- (1) The length of line segment XY is 3.
- (2) The length of line segment OY is 1.5.