GMAT Data Sufficiency Practice Test 1

What is the value of X, if X and Y are two distinct integers and their product is 30?

1. X is an odd integer
2. X > Y

- 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.

What is the standard deviation (SD) of the four numbers p, q, r, s?

1. The sum of p, q, r and s is 24
2. The sum of the squares of p, q, r and s is 224

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How is Bill related to Betty?

1. Cindy, the wife of Bill's only brother Chris does not have any siblings.
2. Betty is Cindy's brother in law's wife.

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Is y an integer?

1. y_3 is an integer
2. 3y is an integer

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If a salesman received a commission of 3% of the sales that he has booked in a month, what was the sales booked by the salesman in the month of November 2003?

1. The sales booked by the salesman in the month of November 2003 minus salesman's commission was $245,000
2. The selling price of the sales booked by the salesman in the month of November 2003 were 125 percent of the original purchase price of $225,000.

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Is the positive integer m divisible by 12?

1. m is divisible by 6
2. m is divisible by 8

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Is ab positive?

1. $(a + b)^2 < (a - b)^2$
2. $a = b$

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When Y is divided by 2, is the remainder 1?

1. $(-1)^{(Y+2)} = -1$
2. Y is prime.

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Is the two digit positive integer P a prime number?

1. (P + 2) and (P - 2) are prime.
2. (P - 4) and (P + 4) are prime.

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If m, s are the average and standard deviation of integers a, b, c, and d, is s > 0?

1. m > a
2. a + b + c + d = 0

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