GMAT Quantitative Reasoning

The Quantitative Reasoning section contains 31 questions in two categories: Data Sufficiency and Problem Solving. You have 62 minutes to complete this section of the GMAT.

Question #1

If a > b, c > d, b > c and e > b, which of the following statements must be true?

I. a > e
II. e > d
III. a > c

(A) I only

(B) II only

(C) III only

(D) II and III

(E) I and III

#1 Answer: D. It is true to say that e is greater than d and that a is greater than c. However, you cannot say that a is greater than e. Although we know that e is greater than b and that a is greater than b, there is no evidence that a is greater than e.

Question #2

On a 3-day trip to Italy, 4 adults ate $60 worth of spaghetti. How much would it cost for 7 adults to eat spaghetti on a 5-day trip to Italy if they ate the same spaghetti at the same cost per person per day?

(A) $175

(B) $100

(C) $75

(D) $180

(E) $200

#2 Answer: A. The answer is $175. To get to this number, you need to start by determining how much spaghetti costs per person per day. Divide 60 by 4 to get 15. This is the cost of spaghetti per day. Then, divide 15 by 3 to get 5. This is the cost of spaghetti per person per day. Then you switch from division to multiplication to get the cost for the second trip. Multiply 5 (the number of days on the trip) by 5 (the number of people on the trip) to get 25. Then, multiply 25 (the cost of food for five days) by 7 (the number of people) to get 175. It would cost $175 for 7 adults to eat spaghetti on a 5-day trip to Italy.