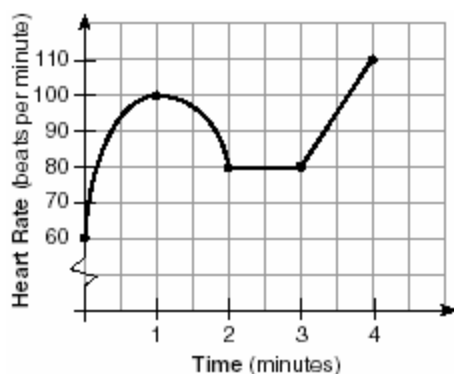*A2.A.51: Determine the domain and range of a function from its graph*

1. 060501b, P.I. A2.A.51

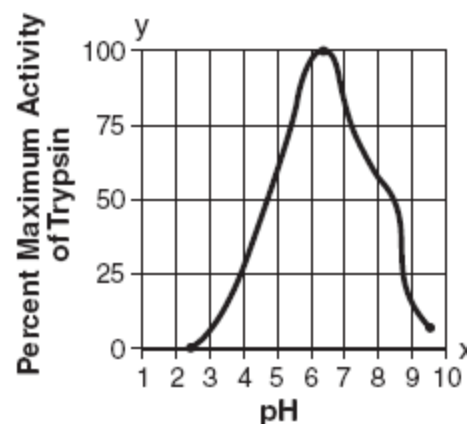   The accompanying graph shows the heart rate, in beats per minute, of a jogger during a 4-minute interval.

    What is the range of the jogger's heart rate during this interval?

    [A] 60-110   [B] 1-4

    [C] 0-110   [D] 0-4

2. 010712b, P.I. A2.A.51

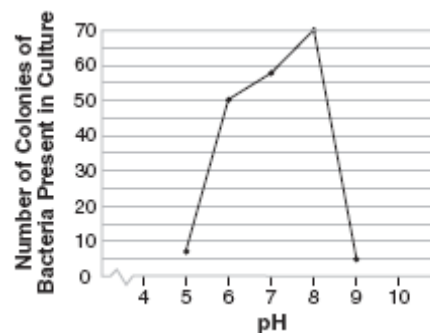   Data collected during an experiment are shown in the accompanying graph.

    What is the range of this set of data?

    [A] $1 \le x \le 10$ [B] $2.5 \le y \le 9.5$

    [C] $2.5 \le x \le 9.5$ [D] $0 \le y \le 100$

3. 010918b, P.I. A2.A.51

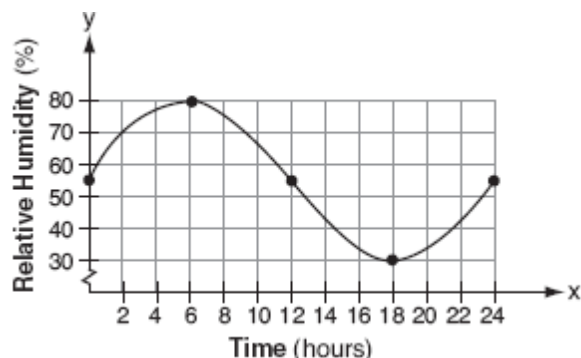   The accompanying graph illustrates the presence of a certain strain of bacteria at various pH levels.

    What is the range of this set of data?

    [A] $5 \le y \le 70$ [B] $5 \le x \le 70$

    [C] $0 \le y \le 70$ [D] $5 \le x \le 9$

4. 080708b, P.I. A2.A.51
A meteorologist drew the accompanying graph to show the changes in relative humidity during a 24-hour period in New York City.
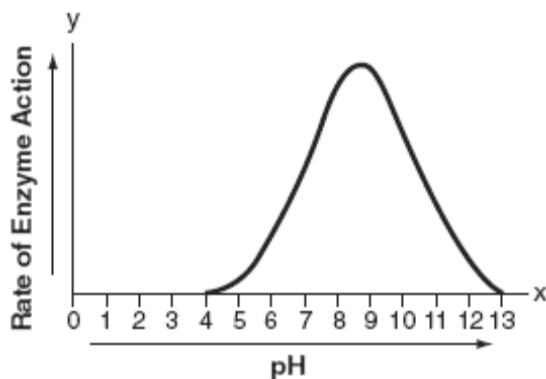

What is the range of this set of data?

[A] $30 \le y \le 80$ [B] $0 \le x \le 24$

[C] $30 \le x \le 80$ [D] $0 \le y \le 24$

6. 060804b, P.I. A2.A.51
The accompanying graph shows the elevation of a certain region in New York State as a hiker travels along a trail.

What is the domain of this function?

[A] $0 \le y \le 12$ [B] $1,000 \le y \le 1,500$

[C] $0 \le x \le 12$ [D] $1,000 \le x \le 1,500$

5. 010602b, P.I. A2.A.51
The effect of pH on the action of a certain enzyme is shown on the accompanying graph.
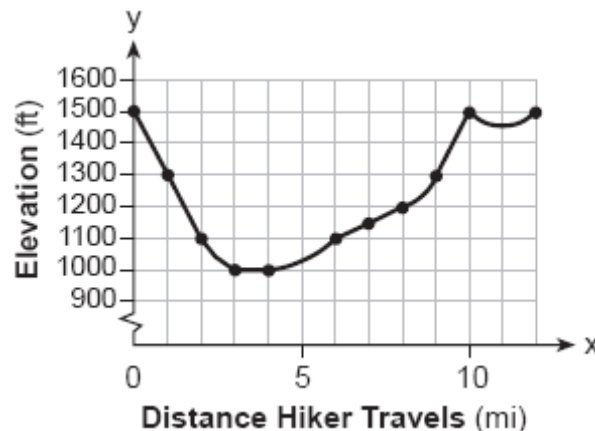

What is the domain of this function?

[A] $4 \le x \le 13$ [B] $4 \le y \le 13$

[C] $x \ge 0$ [D] $y \ge 0$

*A2.A.51: Determine the domain and range of a
function from its graph*

[1] A_____

[2] D_____

[3] A_____

[4] A_____

[5] A_____

[6] C_____