I. Maximal voluntary ventilation decreases with age. Why?


J. Asthmatics tend to have their smaller airways narrowed by smooth muscle constriction, thickening of the walls, and mucous secretion. How would this affect vital capacity, FEV1, and MVV?


K. Bronchodilator drugs open up airways and clear mucous. How would this affect the FEV and MVV measurements?


L. Would a smaller person tend to have less or more vital capacity than a larger person?

___ Less  ___ More

M. How would an asthmatic person’s measurement of FEV1 and MVV compare to an athlete? Explain your answer.


End of Lesson 13 Data Report