Answer the following questions as you read the ‘Our Bodies’ Velocities’ article.

1. The brain runs on 100 millivolts of electricity. Convert 100 millivolts to volts. How many millivolts are in a single volt?
2. At what speed does electricity travel through a neuron?
3. In miles per hour, how fast do reflex impulses travel from your hand to your head?
4. In miles per hour, how fast do pain signals travel to your brain?
5. At what speed do thinking signals travel?
6. At what speed does blood flow through your veins and arteries? Through the aorta?
7. About how many gallons of air do you breathe each minute?
8. About at what speed does your jaw raise and lower when you chew food?
9. Food travels down the esophagus at a rate of .75 inches each second. If your esophagus is 1.5 feet in length, how much time is required for food to arrive in your stomach after you swallow?
10. About how many times do you blink in a minute?
11. How much time is required for a cell to produce disease fighting protein?
12. What was the fastest sneeze speed measured by the ‘Myth busters’?
13. Please list one item you learned after reading the article on velocities of the body.