

Name _____ Period _____ Date _____

Video Worksheet ~ Ultimate Guide to the Human Body

Go to <http://www.unitedstreaming.com/studentCenter/index.cfm?cdCode=TC545-F581> to view an updated version of this video (some measurements will be in metric)

1. The human body contains _____ gallons of water, _____ pint (_____ liter) of hydrochloric acid (HCl) and enough carbon to make _____ pencils.
2. In the course of a lifetime, the average human processes _____ tons of food and secretes _____ gallons (_____ liters) of tears.
3. The human skeleton has _____ rigid bones.
4. The most vulnerable organ in the body is the _____ and is protected by _____ bones that are fused together to make a crash helmet.
5. The _____ structure of the thigh bones help them to absorb and distribute the impact from a leap that is equivalent to _____ ton and enough to shatter granite.
6. To keep our body framework light, the body uses this acid, _____, to dissolve bone in low stress areas.
7. We take an average of _____ million steps every year. Exercise is important because it helps to _____ and _____ our bones.
8. Our skeletons are overhauled through building and rebuilding every _____ years.
9. Our biggest organ is the _____ which covers _____ sq feet (_____ sq meters).
10. During pregnancy, a woman secretes a hormone that allows her skin to stretch up to _____ times its normal size.
11. _____ helps to cool the body and there are _____ million sweat glands below the surface of our skin.
12. _____ is stronger than steel wire that is of the same dimensions.
13. The video likened an astronaut's return to earth and readjusting to the earth's gravity to this type of sickness: _____.
14. Mars has _____ the gravity of the Earth and is a factor to be considered in our efforts to send humans to Mars.
15. The human _____ has more moving parts controlled by more muscles than any other part of the human body.
16. NASA has built a _____ hand that can do almost everything a human hand can do.