



The Amazing Human Body

Directions:

Determine which body system each fact is describing:

Endocrine	Immune	Nervous	Reproductive	Integumentary	Muscular
	Digestive	Excretory	Respiratory	Circulatory	Skeletal

1. The brain weighs about 3 pounds and is the consistency of jello. It is 85% water.
2. The brain stores 100 trillion bits of information over the course of 70 years. This is equal to 500,000 sets of the Encyclopedia Britannica.
3. The nerve network in our brains is 1400 times more complex than the global telephone network.
4. Your heart expends enough energy in one day to lift almost 2000 pounds to a height of 41 feet.
5. Your heart beats 72 times a minute; 4,300 times an hour; 104,000 times daily; and 38 million times a year. Over an average lifetime it will beat 2.8 billion times.
6. A single drop of blood contains 5 million red blood cells, 5000 white blood cells, 250,000 platelets, and some proteins.
7. There are about 62,000 miles of arteries, veins, and capillaries in the body.
8. An adult has about 10,000 taste buds on their tongue.
9. The nose can only distinguish 32 basic odors.
10. The largest human organ is the skin, with a total surface area of 25 square feet. It weighs about 6 pounds.
11. We completely change our skin every 27 days. We get about 1000 "new skins" in a lifetime.
12. Every square inch of skin has 32 billion bacteria on it.

13. One square inch of skin contains: 645 sweat glands; 77 feet of nerves; 65 hair follicles; 97 oil glands; 19 feet of blood vessels.
14. The body produces over a quart of saliva a day. It even helps heal mouth wounds.
15. Human bone has a compressive strength that is greater than reinforced concrete or marble. After all calcium is a metal!
16. An average, healthy male produces over 2 billion sperm per month.
17. A female has about 2 million eggs in both ovaries at birth. Only 200,000 survive until puberty, but only 450 will ever be ovulated in her lifetime. An average of 2 eggs will be fertilized in a woman's lifetime.
18. There are 125,000 hairs on the scalp. Each follicle is capable of producing 30 feet in a lifetime.
19. In one day, 2,100 gallons of blood are pumped through the blood vessels.
20. 8 million red blood cells are produced in the bone marrow every SECOND.
21. The intestines process over 40 TONS of food over the course of 70 years.
22. The intestines have a surface area of over 100 square feet or five times the area of the body's skin.
23. The FOOT. The average person takes one billion steps in his lifetime and walks about 77,000 miles. We land on the 26 bones in each foot with a force TRIPLE the body weight.
24. A fully formed human brain contains 100 billion neurons. The number is not as important as the connections between them.
25. Brain connections start to form in the womb and continue only until the age of two.
26. Cardiovascular disease is the No. 1 killer in the U.S. Every 33 seconds someone dies from cardiovascular disease.
27. The largest gland in the body is the liver at 3 pounds. It is the only internal organ that can regenerate itself.
28. Just lying in bed you use 8 quarts of air a minute. Sitting, you will consume 17 quarts a minute and running you consume 50 quarts a minute.
29. The average weight of a male heart is 8-10 ounces. Female is 10-12 ounces.
30. Hair grows for two days after you die.
31. Interferon is a chemical secreted by the body that can kill viruses and is naturally stimulated by eating a healthy nutritional diet or dietary supplements.
32. The body's natural shield to infection protects us from invaders like bacteria, viruses and allergens.

33. The acid in your stomach is strong enough to dissolve razorblades.
34. It takes 17 muscles to smile and 43 to frown. Unless you're trying to give your face a bit of a workout, smiling is a much easier option.
35. Every human spent about half an hour as a single cell when sperm and egg cells first combine. Shortly afterward, the cells begin rapidly dividing.
36. Babies are always born with blue eyes. The reason behind this is the pigment melanin. The melanin in a newborn's eyes often needs time after birth to be fully deposited or to be darkened by exposure to ultraviolet light, later revealing the baby's true eye color.
37. We have 2 kidneys, but the left one is always higher than the right one.
38. The chemical hormones secreted by humans called pheromones in male sweat will both influence/regulate the reproductive cycles of women.
39. The left lung is smaller than the right lung because it has to make room for the heart.
40. The strongest muscle in the human body is the tongue.
41. The lungs contain 700 million breathing units called alveoli which allow for the exchange of oxygen and carbon dioxide to occur in breathing.
42. Of the 206 bones in the skeletal system, 52 of them make up both of our feet.

Human anatomy

