

The Amazing Human Body

Directions:

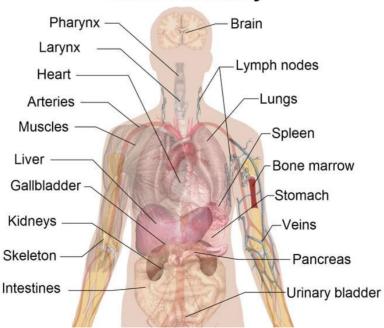
Determine which body system each fact is describing:

Endocrine	Immune	Nervous	Reproductive		Integumentary	Muscular
	Digestive	Excretory	Respiratory	Circulat	tory Skeleta	

- 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 <u>Encyclopedia Brittanica</u>.
- 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. Oven 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 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