

Mathematics in Human Biology

Mathematics · Answer Key · 8 Questions

1. What is the approximate total number of bones in an adult human skeleton?

A) 186

B) 206

C) 226

D) 246

2. The average adult heart beats approximately how many times per day if the rate is 70 beats per minute?

A) 50,400

B) 86,400

C) 100,800

D) 120,000

3. What percentage of the total human body weight is typically accounted for by water in an average adult male?

A) 40%

B) 60%

C) 80%

D) 90%

4. If a person has 5 liters of blood, how many milliliters are there in total?

A) 500 ml

B) 5,000 ml

C) 50,000 ml

D) 500,000 ml

5. The human adult spine consists of how many individual vertebrae?

A) 24

B) 26

C) 30

D) 33

6. What is the standard BMI range considered to be 'normal' or 'healthy weight'?

A) 15.5-18.4

B) 18.5-24.9

C) 25.0-29.9

D) 30.0-34.9

7. A human lung has approximately 300 million to 500 million of which structures, which are responsible for gas exchange?

A) Bronchioles

B) Alveoli

C) Trachea

D) Pleura

8. The human body typically contains how many pairs of ribs?

A) 10

B) 12

C) 14

D) 16