

Human Biology Math Facts

Mathematics · Practice Test · 10 Questions

1. A typical adult human heart beats 70 times per minute. How many times does it beat in 6 minutes?

- A) 420
- B) 350
- C) 490
- D) 560

2. The human body contains about 5 litres of blood. If a blood donation unit is 0.5 litres, how many units of blood are in the total volume?

- A) 8
- B) 12
- C) 10
- D) 5

3. An average human breathes 12 times per minute. How many breaths are taken in 15 minutes?

- A) 150
- B) 180
- C) 210
- D) 120

4. Human teeth consist of 32 total teeth in a full adult set. If there are 4 equal quadrants in the mouth, how many teeth are in each quadrant?

- A) 6
- B) 9
- C) 7
- D) 8

5. If a person consumes 2,000 calories per day, how many total calories are consumed over a full week (7 days)?

- A) 12,000
- B) 14,000
- C) 16,000
- D) 10,000

6. A red blood cell lives for approximately 120 days. If you divide this lifespan into 4 equal phases of development, how many days is each phase?

- A) 30
- B) 20
- C) 40
- D) 25

7. The human skeleton has 206 bones. If 52 of these are located in the feet, how many bones are located in the rest of the body?

- A) 164
- B) 154
- C) 144
- D) 134

8. A human fingernail grows about 3 millimetres per month. How much would it grow in 9 months?

- A) 21mm
- B) 24mm
- C) 27mm
- D) 30mm

9. If a doctor prescribes a medication to be taken 3 times a day for 14 days, what is the total number of pills required?

- A) 36
- B) 42
- C) 48
- D) 39

10. The small intestine is approximately 6 metres long. If it is divided into 3 equal sections, what is the length of each section in metres?

- A) 1.5
- B) 3
- C) 2
- D) 2.5