

Human Biology Math Facts

Mathematics · Answer Key · 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