

Intro to Mitosis

Directions: Watch the video and answer the questions.

1. What is the name for the type of cell division done by most of your body cells? _____
2. What type of cell division is responsible for the repair of your body when it is injured? _____
3. What does mitosis make? _____
4. What is the name of the phase where a cell spends most of its time - growing, making DNA, and doing other cell functions? _____
5. What holds your DNA inside your cells? _____
6. What is the name for how DNA organizes itself into a more condensed unit? _____
7. How many chromosomes do humans have? _____
8. What does PMAT stand for? _____
9. What do the chromosomes do in **Metaphase**? _____
10. What do the chromosomes do in **Anaphase**? _____
11. What is happening in **Telophase**? _____
12. What is the name for the final separation into 2 cells by splitting the cytoplasm? _____

Summary: What are the 3 reasons given at the end of the video for why cell division is important?

- 1) _____
- 2) _____
- 3) _____