

Crash Course MITOSIS ACTIVITY

Crash Course - Mitosis Questions. Watch the video <https://goo.gl/asLLMA> and answer:

- 1.) In your body, what can clone itself?
- 2.) Which process is used to repair cells?
- 3.) In the video, Hank gives examples of what mitosis does. What are some of those examples?

- 4.) How does a 7 pound baby eventually become a 70 pound child?

- 5.) About how many times will mitosis happen in your lifetime?
- 6.) What stores DNA in the cell?
- 7.) How is the DNA organized in your cells?

- 8.) What kind of cells have 46 chromosomes (pairs)?
- 9.) What are the phases of mitosis?

- 10.) What type of cells are sex cells?
- 11.) Most cells spend their life in which phase?
- 12.) What phase does the chromatin start to condense into chromosomes?
- 13.) When does the nuclear envelope disintegrate? (which phase)
- 14.) What is the job of the microtubules?

- 15.) Who first observed the process of mitosis?
- 16.) What does mitosis mean? (Historical Greek definition)
- 17.) What was the most recent discovery of mitosis by an MIT student? (Just one point please)

- 18.) Which phase separates the chromosomes?
- 19.) What does the prefix "ana" mean?
- 20.) What happens in telophase?

- 21.) What is the division of 2 new cells called?
- 22.) What are the names of the two new cells?