**Mitosis Differentiation Stations**

Go to <https://www.youtube.com/watch?v=f-ldPgEfAHI>, watch the video, and answer the questions below.

1. Provide two reasons or purpose of mitosis.

2. What is mitosis ***NOT***?

3. What type of cells are produced as a result of mitosis?

4. How do the cells created by mitosis look?

5. Do your cells divide all the time?

6. What is uncontrolled cell growth?

7. What three things happen during interphase?

8. About how much time is spent by the cell in interphase?

9. What is the cell doing during mitosis?

10. What is found in the nucleus of a cell?

11. How is DNA organized?

12. What are chromosomes made of?

13. How many chromosomes do humans have?

14. What phase is DNA duplicated during?

15. What is a centromere?

16. What is a chromatid?

17. After DNA replication in Interphase, how many chromatids are present?

18. What are the four stages of mitosis?

19. Describe what happens in prophase.

20. Describe what happens in metaphase.

21. Describe what happens in anaphase.

22. What are spindles?

23. Describe what happens in telophase.

24. What happens during cytokinesis?