***Let’s clone a mouse, mouse, mouse….***

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Go to the following website <http://learn.genetics.utah.edu/content/cloning/clickandclone/>

Complete the activity, and answer the questions below.

1. What does the Nucleus contain? What role do its contents play in the cell? (2 marks)

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1. What is a Somatic Cell? Give an example. (2 mark)

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1. What is the major difference between a somatic cell and an egg cell? (2 marks)

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1. What is the purpose of the Egg Cell Donor? (1 mark)

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1. What is the purpose of the Somatic Cell Donor? (1 mark)

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1. Where does cell division start, and how is it initiated? Where does it end? (2 marks)

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1. What is the purpose of the Surrogate Mother? (1 mark)

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1. If the somatic donor is black, the egg cell donor is white, and the surrogate mother is brown, what colour will the offspring be? Why? (2 marks)

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1. Do YOU think cloning is good or bad, and why? (2 marks)

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