**Anticipation Guide: Multicellular Life**

**Part 1:**

Directions – Read each statement in Part 1. If you believe that statement is true, place a check in the *Agree* column. If you believe that a statement is false, place a check in the *Disagree* column. Be ready to explain your answer.

**Agree Disagree**

|  |  |  |
| --- | --- | --- |
| wb01388_ | wb01388_ | 1. Large multicellular organisms, such as humans, have larger cells than smaller multicellular organisms, such as mosquitoes. |
| wb01388_ | wb01388_ | 2. Mitosis and cell division are both names for the same process. |
| wb01388_ | wb01388_ | 3. Cell division is used for growth and repair in multicellular organisms. |
| wb01388_ | wb01388_ | 4. Specialized cells and tissues contain different DNA to perform their purpose in a multicellular organism.  |
| wb01388_ | wb01388_ | 5. Multicellular organisms are made of groups of specialized cells that work together. |
| wb01388_ | wb01388_ | 6. Cancer is a disease that is related to malfunctions in cell division. |
| wb01388_ | wb01388_ | 7. The familiar X-shaped structure seen in a cell under a light microscope is a 'basic' unreplicated chromosome. |

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