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**Cloning**

**1)**

The whole concept of cloning has piqued the interests of many people. In simplest terms, cloning is the creation of an exact copy of DNA. Many people who have seen the media adaptations in sci-fi movies believe that clones would just be made for dangerous/laborious tasks. The best example of this belief is the Clone Trooper Army from Star Wars and because of this, the Republic had an endless supply of loyal soldiers willing to die for the upper echelon of leaders. However once this is applied to our real world, it is very immoral to treat clones strictly as a means to an end. Although cloning in animals has been done before, the closest thing humans have got to cloning other humans was in identical twins. Even if we start cloning humans, there is one large belief that many people have, “Would the existence of the clone cause a personality disorder”?. A very large part of our personality is not just our own nature, but nurturement from the complex world around us. The difference in personality ultimately leads to a different person, which nullifies any threat of losing your individuality. Also because of this, the clone will have all the same rights as the “original”. Even though two people would have the same DNA, they will still be two different people because of their upbringing and the clone would still have the same rights as any other person in the world.

**2)**

Stem cell research is an extremely controversial topic that has had its morality questioned for years. In simplest terms, stem cells are a precious form of cell that can turn into any other cell. If someone has brain damage, stem cells can be injected in a nearby area to help regenerate the brain. Sounds good right? The main problem is how they are “harvested”. Stem cells can only be found in developing embryos and actually being able to use the cells means ending an embryo. This is where the issues start happening, because we cannot decide if an embryo is considered a person or not. If the embryo is considered a person, then ending the embryo is the same as ending a full grown adult. Otherwise, stem cell research is perfectly moral.

**3)**

The ethics between both stem cell research and cloning revolve around the concept of Utilitarianism. For stem cell research it is asked if the possible life of the embryo outweighs the lives its cells can save. For cloning it is asked if a genetic copy of someone would bring more benefit to the world than harm. For both of these instances one small tweak can make either of the cases immoral, yet can impact the world greatly.