**Jeopardy Review Questions**

**Cell Division Pictionary**

100 - This is what telophase looks like. (Draw it)

200 – This is what anaphase looks like. (Draw it)

300 – This is what metaphase I looks like. (Draw it)

400 – This is what prophase II looks like. (Draw it)

500 – This is what Meiosis I looks like. (Draw all of the phases)

**Chromosomes**

100 – DNA is wrapped around a core of these to form the nucleosome.

200 – This is the protein that holds sister chromatids together.

300 – This is the force that allows chromatids to stay together.

400 – This is how many chromosomes a haploid cell of a human contains.

500 – An animal with a karyotype containing 88 chromosomes has this many chromosomes in its diploid cell.

**Miscellaneous**

100 – Gametes are this type of cell.

200 – This is where the most cell growth happens when an injury occurs.

300 - This is the phase that the cell spends most of its time in when it goes through cell division.

400 - This is the order of the phases in a eukaryotic cell cycle.

500 - This is what happens in phase G1.

**Meiosis**

100 – This is the phase where homologues are pulled apart.

200 - This is the order of the phases a cell goes through during meiosis.

300 - After cytokinesis, this is how many chromosomes each cell contains in a healthy human.

400 - This is the name for a fertilized egg.

500 - This is how many chromosomes each cell contains during prophase I in a healthy human.

**Mitosis**

100 - This phase technically happens before mitosis.

200 - After cytokinesis, each cell has this many chromosomes in a healthy human.

300 - These are the products of mitosis.

400 - This is what would happen if a cell went through mitosis but not cytokinesis.

500 - After interphase, the cell contains this many chromosomes in a healthy human.

**I decided that we could chat about the answers in Monday if you have any questions after going through this. Happy studying!**