**Muscle Notes Part 2**

**Filaments in Sarcomere**

1. Thick filaments=
2. Thin filaments=

**Sarcomere Organization**

1)

2)

3)

**Muscle Stimulation**

1) Motor unit-

2) Neuromuscular junction-

3) Synaptic cleft-

4) Neurotransmitter-

Example-

**Transmission of Nerve Impulse**

1)

2)

3)

**How do muscles actually contract? *Sliding Filament Theory***

1)

2)

**Muscle Contraction (Steps)**

1)

2)

3)

4)

5)

6)

**Properties of Skeletal Muscle Cells**

1)

2)

**More Info on Contraction**

1)

2)

3)

4)

Types of Graded Responses

1) Twitch

2) Tetanus