Animal Cells Plant Cells

\*No cell wall

\*Round shape

\*One or more small vacuoles

\*Centrioles are present

\*No chloroplast

\*No plastids

\*Cell membrane

\*Flagella may be found

\*Lysosomes occur in gcytoplasm

\*Contains cilia

\*Cell wall formed of gcellulose

\*Rectangular shape

\*1 central vacuole (90% of gcell volume)

\*Centrioles present in lower gplant forms

\*Contains chloroplast

\*Contains plastids

\*Cell wall & cell membrane

\*Flagella may be found

\*Lysosomes usually not gpresent

\*Cilia is rare

Both

\*Cytoplasm is gpresent

\*Smooth/rough gER present

\*Ribosomes

\*Mitochondria

\*Golgi Apparatus

\*Microtubules

\*Nuclues