

Name: _____

Name: _____

Date: _____

Period: _____

Organelle	Description	Function	Animal, Plant or Both
CELL WALL	Rigid, tough, made of cellulose	Protects and supports the cell	Plant
CELL MEMBRANE	Thin, covering, protects cells	Protects the cell, performs active transport and passive transport, stores materials in and out of the cell, communication	Both
CYTOPLASM	Jelly like substance that contains organelles	Push and supports organelles inside the cell. Moves by cytoskeleton	Both
NUCLEUS	Dense, ball shaped structure, contains DNA	Controls all of the cell's activities	Both
NUCLEAR MEMBRANE	Thin covering over the nucleus	Controls and protects the nucleus	Both
NUCLEOLUS	Small dark area in the nucleus	Produces ribosome's	Both
CHROMATIN	In the nucleus, made of DNA and protein, contains genes	Provides instructions for the cells activities, (growth, reproduction)	Both
ENDOPLASMIC RETICULUM	Clear, tubular system of tunnels throughout the cell	Transports materials like proteins around the cell	Both
RIBOSOME	Small spots made of RNA, found in cytoplasm or on the endoplasmic reticulum	Makes proteins	Both
MITOCHONDRIA	Location in the cytoplasm, bean	Supplies energy in ATP for the cell	Both

Copyright © 2004 by Holt, Rinehart and Winston. All rights reserved.