

First and Last Name \_\_\_\_\_

Period: \_\_\_\_\_ Date: \_\_\_\_\_

## HONORS Cell City Checklist

How will you represent these machines in your city?

Mitochondria (include ATP Synthase and ATP molecules too)

Nucleus (include the DNA)

Chloroplasts (include  $H_2O$ ,  $CO_2$ , and  $C_6H_{12}O_6$  too)

Lysosomes

Rough E. R. (include the ribosomes building protein molecules too)

Smooth E.R.

Cytoskeleton (include kinesin walkers too)

Ribosomes in the cytoplasm  
(include the RNA code and the protein molecules)

Cell Wall

Central Vacuole

Cell Membrane(also protein gate doorways)

Vesicle

Golgi Apparatus

Peroxisome