

## 13-2 Walking with Ryan Inside a Cell Video Worksheet

Cell membrane -

Cytoskeleton -

The cytoskeleton aids the cell in all except:

- a. Size
- b. Support
- c. Shape

Endoplasmic reticulum -

Ribosomes -

Name the 2 types of ER

- 1.
- 2.

Golgi apparatus -

Vesicle -

Which organelle collects, modifies, and packages substances made by the cell:

- a. Cytoplasm      b. Golgi apparatus      c. the endoplasmic reticulum

Lysosome -

Sacs of digestive enzymes that digest worn out organelles:

- a. Vesicles      c. Lysosomes  
b. Ribosomes

Mitochondria -

Centriole -

Centrioles:

- a. Are located next to the nucleus in the cell.  
b. Organize cytoskeleton called microtubules  
c. Migrate to opposite ends of the cell during cell division

Nucleus -

Phases of mitosis –

- 1.
- 2.
- 3.
- 4.