

Cell Parts and Life Processes Quiz Study Guide

1. For the following examples, list the life process and what the cell/organism is doing through that life process.

Example	Life Process	What does this life process do?
a cell getting rid of waste through exocytosis		
an amoeba taking in food with its pseudopods		
a plant moving water through its leaves		
your cat taking a nap		
a bacterium using digestive enzymes to decompose roadkill for food		
a plant making food from the sun		<i>(why is this different from the others?)</i>
your mitochondria using the oxygen you breathed in and the sugars from food you ate		
a cut healing on your elbow after you fell from your skateboard		

2. Asexual reproduction can be done through mitosis and meiosis. Fill out the following information:

Mitosis:

Makes what kinds of cells?

(examples: _____)

How many chromosomes are in each cell compared to the original cell?

Illustrate mitosis:

Meiosis:

Makes what kinds of cells?

(examples: _____)

How many chromosomes are in each cell compared to the original cell?

Illustrate meiosis:

3. List the parts of a cell and what they do in kid-friendly terms.

Organelle	Job

Organelle	Job

4. What do **ALL** cells have in common?

5. What makes plants and animal cells different?