

# The Magic of Cells Video Worksheet

## What is a cell?

1. A cell is the \_\_\_\_\_.
2. What are the 3 characteristics of life?
  - a.
  - b.
  - c.
3. What are the 2 fundamental types of cells?
  - a.
  - b.
4. What are the 3 shapes of a prokaryote?
  - a.
  - b.
  - c.
5. Name 2 types of eukaryotes.
  - a.
  - b.
6. A human is a \_\_\_\_\_.
7. The human body contains \_\_\_\_\_ cells.

## Parts of a cell

1. Name the 3 distinct sections of a cell.
  - a.
  - b.
  - c.

2. What are the 3 functions of the cytoplasm?
  - a.
  - b.
  - c.
3. The cell is made of tiny structures called organelles. Name the function of the following organelles.
  - a. cytoskeleton
  - b. ER
  - c. ribosomes
  - d. Golgi bodies
  - e. vesicles
  - f. mitochondria
  - g. lysosome
  - h. nucleus
  - i. \_\_\_\_\_ is found in the nucleus.

### Diversity

1. Animals and plant cells have different structures. Name the 3 different structures named in the video.
  - a.
  - b.
  - c.
2. Name 3 adaptations animals have developed over time.
  - a.
  - b.
  - c.