

# 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.