

Amoeba Sisters Video Recap: *Prokaryotes and Eukaryotes*

1. The beginning of the video clip discusses potential challenges of a fungal infection and how **antibiotics** only work on **prokaryote** cells. Label the following with a P (prokaryote) or E (eukaryote).

- \_\_\_\_\_ Animal Cell
- \_\_\_\_\_ Plant Cell
- \_\_\_\_\_ Bacterial Cell
- \_\_\_\_\_ Fungus Cell

2. What is the below statement referring to? This might be helpful when remembering **eukaryotes!**

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3. What is the below statement referring to? This might be helpful when remembering **prokaryotes!**

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4. What is an **organelle**? Give two examples of **organelles** that can be found within a cell.

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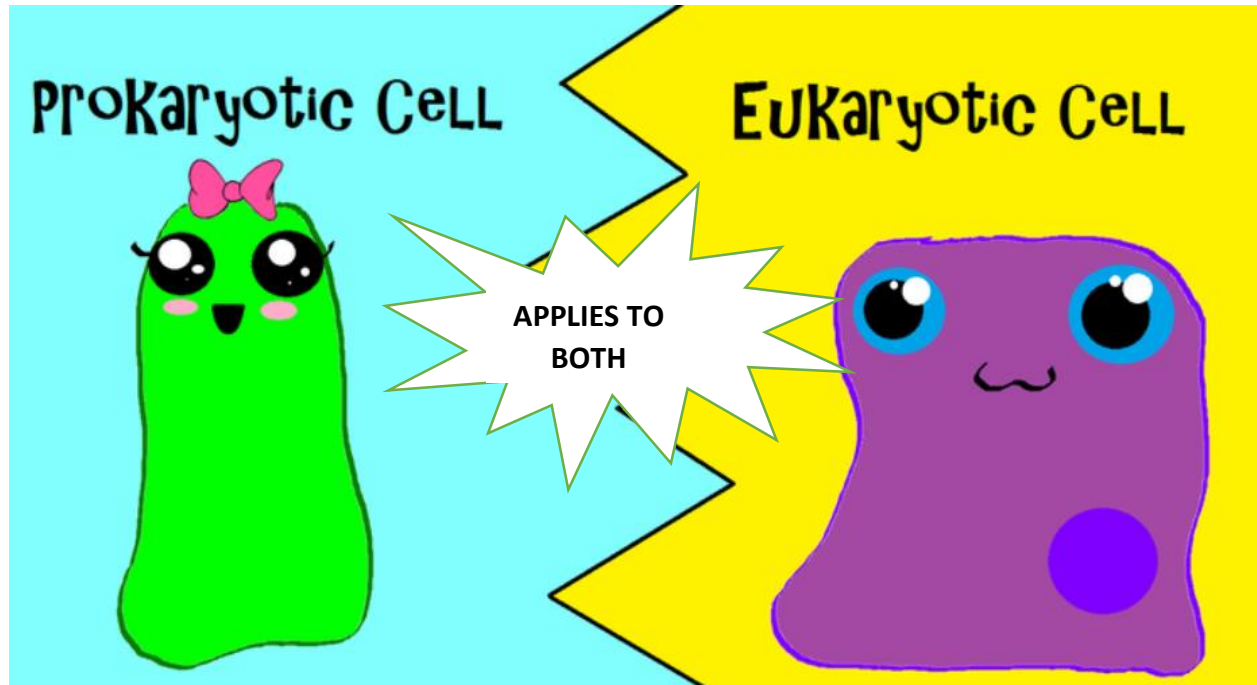
Now it's time to match the fact with the right type of cell! Draw a line from each diamond to either the prokaryotic cell, the eukaryotic cell, or the "both" bubble (if it applies to both).

5 Has a Nucleus

6 Has membrane-bound organelles

7 Has DNA

8 Has ribosomes



9 Has a cell membrane

10 Includes bacteria

11 Antibiotics are effective on this cell type

