**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)

1. \_\_\_\_\_\_ Animal Cell b. \_\_\_\_\_\_ Plant Cell c. \_\_\_\_\_\_ Bacterial Cell d. \_\_\_\_\_\_ Fungus Cell
2. What is the below statement referring to? This might be helpful when remembering eukaryotes

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***EU***KAROYTE Rhymes with ***DO***!

1. What is the below statement referring to? This might be helpful when remembering prokaryotes! \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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***PRO***KARYOTE rhymes with ***NO***!

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

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1. Now it’s time to match the fact with the right type of cell!

Label the following with a **P** (Prokaryote), **E** (Eukaroyte), or **B** (Both)

1. \_\_\_\_\_\_\_ Has a Nucleus b. \_\_\_\_\_\_\_\_ Has membrane-bound organelles c. \_\_\_\_\_\_\_\_ Has DNA
2. \_\_\_\_\_\_\_\_ Has ribosomes e. \_\_\_\_\_\_\_\_ Has a cell membrane f. \_\_\_\_\_\_\_\_ Includes bacteria

g. \_\_\_\_\_\_\_\_ Antibiotics are effective on this cell type