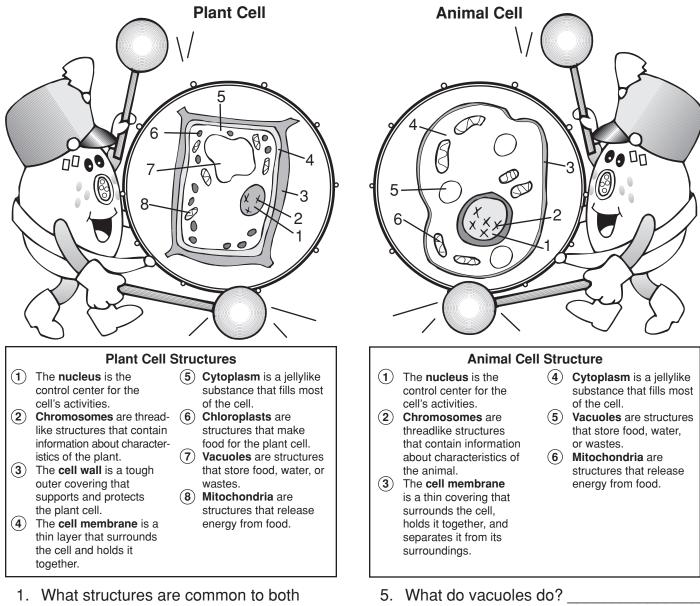
Drumming Up Differences

Discover the differences between plant and animal cells. Study the cell diagrams below. Then answer the questions that follow. Use another sheet of paper if you need more room.



- 1. What structures are common to both plant and animal cells?
- 2. What structures are found only in plant cells?
- Where are the chromosomes found? What do they look like?
- 4. What are mitochondria?

- 6. Can a plant cell do things that an animal cell cannot? Explain. _____
- 7. How do the stiff cell walls of plant cells make plants look and feel different from animals?
- 8. How do vacuoles in the animal cell differ from those in the plant cell?
 - Cells: comparing plant and animal cells





- 1. nucleus, chromosomes, cell membrane, cytoplasm, vacuoles, and mitochondria
- 2. cell wall and chloroplasts
- 3. Chromosomes are found in the nucleus. They look like threads.
- 4. Mitochondria are structures that release energy from food.
- 5. Vacuoles store food, wastes, or water.
- 6. Yes; plant cells have the ability to make their own food.
- 7. Plants have rigid parts, such as tree trunks, whereas most animals are soft and flexible.
- 8. Some (but not all) animal cells have a few small vacuoles. Plant cells usually have one large vacuole.