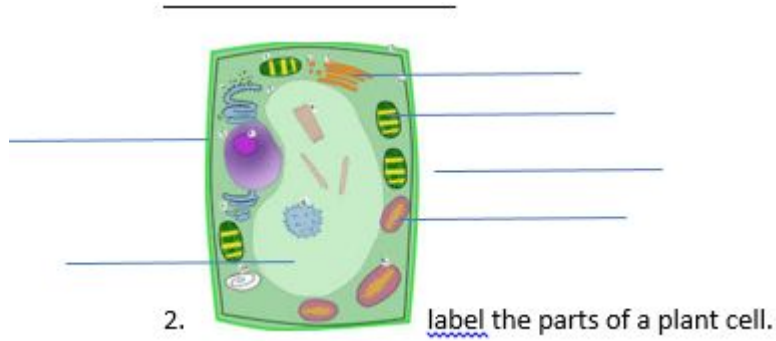


- Mutation
- Cell membrane
- Cell wall
- Vacuole
- ER
- Nucleus
- Mitochondria
- Chloroplast
- Cytoplasm
- DNA
- Mendel
- Unicellular
- Multicellular
- Inherited
- IV
- DV
- Constant
- Cell theory
- Gas giants
- Adaptation
- Variation
- Species
- Genetic engineering
- Genotype
- Vestigial structures
- Homologous structures
- Fossils
- rotation

- Levels of organization
- Double helix
- Reactants
- Products
- Plant
- Animal
- Photosynthesis
- Respiration
- Sex cells
- Body cells
- Cell cycle
- Interphase
- Mitosis
- Meiosis
- Cytokinesis
- Prophase
- Metaphase
- Anaphase
- Telophase
- Hybrid
- Purebred
- Dominant
- Recessive
- Osmosis
- Phenotype
- Embryology
- Molecular evidence
- terrestrial

1. Mutation

2. K



3. DNA

4. Mendel

5. Bacteria, amoeba, euglena

6. Blue eyes, big ears

7.



Plant growth, fertilizer, type of plant

8. All cells come from other cells, cells are the basic unit of life, all living things are composed of cells

12. Grams

13. Volume

14. Fossil

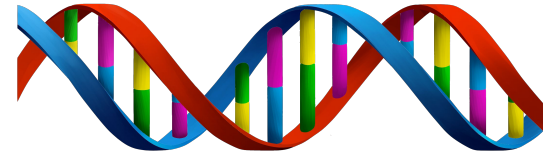
15. Cell, tissue, organ, organ system, organism

16.  $6\text{CO}_2 + 6\text{H}_2\text{O} + \text{sunlight} \implies \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$

17. Carbon Dioxide ( $\text{CO}_2$ ), Water ( $\text{H}_2\text{O}$ ),  
Sunlight

Glucose ( $\text{C}_6\text{H}_{12}\text{O}_6$ ), Oxygen ( $\text{O}_2$ )

18.

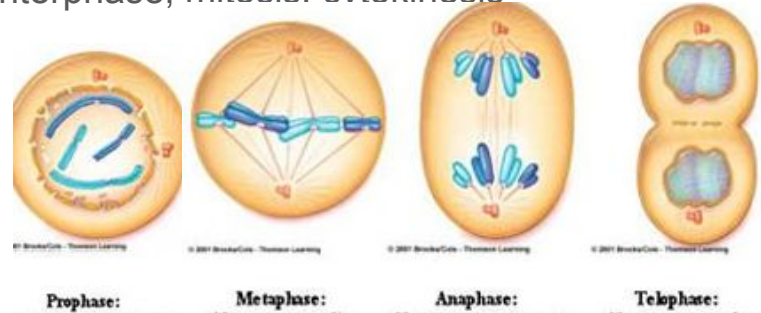


19. Chloroplast, cell wall, rectangular, larger vacuole

22.  $\frac{1}{2}$  (humans = 23)

23. Interphase, mitosis. cvtokinesis

24.



25. Adaptation

26. Variation

27. False- not the same species

29. Grow more or bigger crops/livestock, use fewer pesticides

30. See board for punnett square  
d. Purple e. Purple

31. See board for punnett square  
d. Round and wrinkled e. round

32. Rr

33. RR, rr

34. Cell membrane

35. Mitochondria

36. Break down food using oxygen

37. Osmosis

38. Red hair and small mouth

39. Vestigial structures, homologous structures, fossils, embryology, DNA (molecular)

40. Spinning of Earth on its axis

41. Terrestrial, gas giants