Science 9 Review

Outline of Chapter 5 & 6

1. Structures of both plant and animal cells along with their definition.
2. Differences between cell wall and cell membrane.
3. The different stages of mitosis and what happens in interphase.
4. Difference in cytokinesis of plant and animal cells.
5. Why do cells divide faster in an embryo then in adults?
6. Question 2 on page 172.
7. What is the cell theory?
8. What are the differences between asexual and sexual reproduction?
9. Describe two types of asexual reproduction.
10. How many chromosomes do humans have and what is it made up of?
11. Understand how DNA works, how it replicates and why we can use it to convict people like Allen Legere (DNA FINGERPRINTING). (Remember A binds with T and C binds with G).
12. Know the definition for cancer, mutation, carcinogens (plus examples), tumor, benign and malignant.
13. Understand the concept of cloning and how this allowed for the creation of dolly the sheep.
14. Chapter 6 review questions 2,3,4, 6, 8, 11, 12, 13, 15

## Sections we have studied

* 5.1, 5.2, 5.4, 5.3, 5.5,5.6, 5.8, 5.12, 6.1, 6.2, 6.3, 6.9

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