

## Reproduction Review Answers

1. Robert Hooke
2. Leeuwenhoek
3. Robert Brown
4. Compound Light Microscope
5. transmission
6. scanning
7. cell membrane
8. nucleus
9. chromosomes
10. genes
11. cytoplasm
12. organelle
13. nucleolus
14. ribosomes
15. mitochondrion
16. endoplasmic reticulum
17. Golgi apparatus
18. lysosomes
19. centriole
20. cell wall
21. vacuole
22. chloroplast
23. flagellum
24. cilia
25. cell cycle
26. mitosis
27. cytokinesis
28. interphase
29. prophase
30. metaphase
31. anaphase
32. telophase
33. asexual reproduction
34. sexual reproduction
35. zygote
36. binary fission
37. budding
38. fragmentation
39. spore formation
40. Vegetative reproduction
41. 46
42. Deoxyribonucleic acid
43. ATGC
44. replication
45. DNA fingerprints
46. mutations
47. cancer
48. carcinogen
49. regeneration
50. specialized cells
51. stem cells
52. transplants
53. cloning
54. Dolly

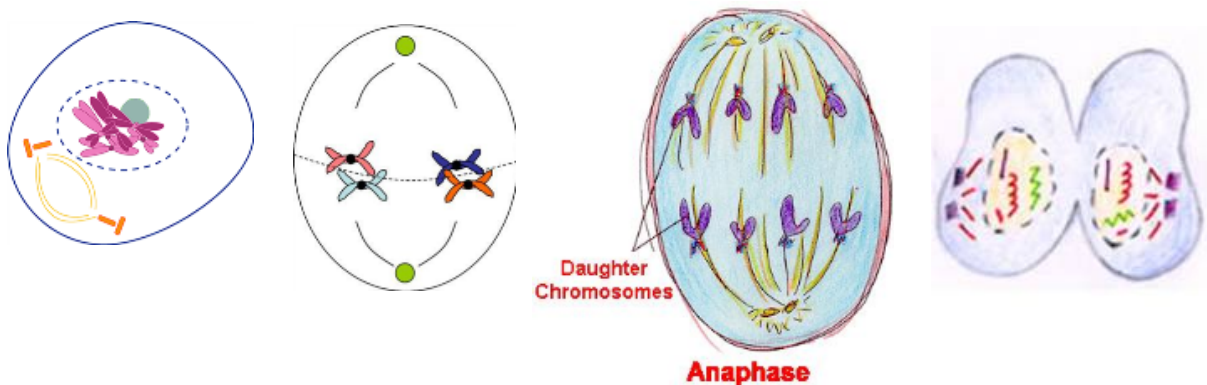
## 55. Stages of Mitosis

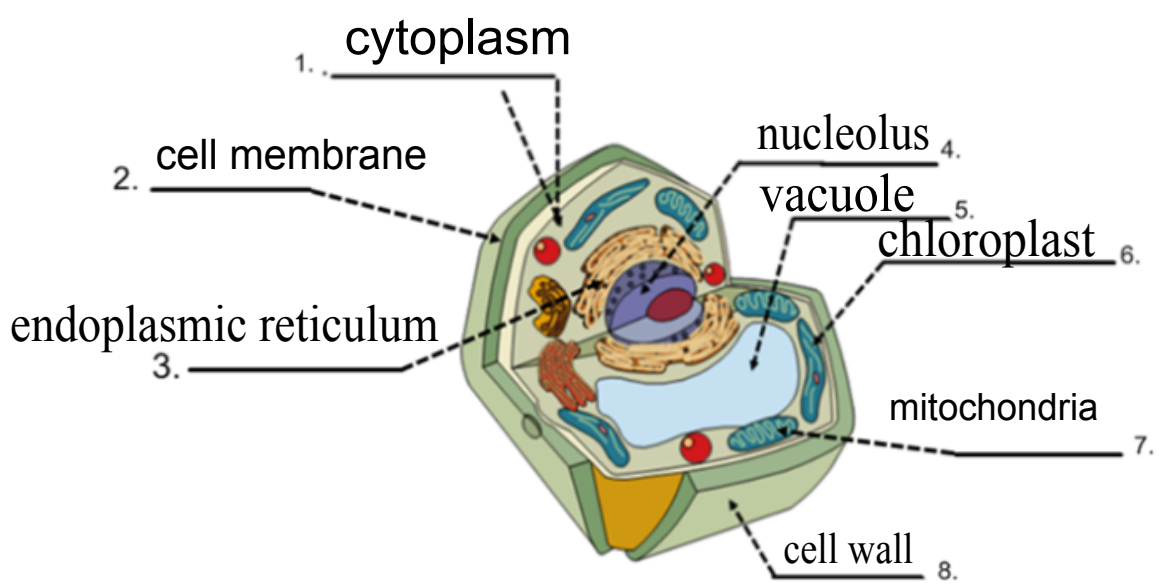
**Prophase**- chromosomes shorten and thicken, nuclear membrane dissolves

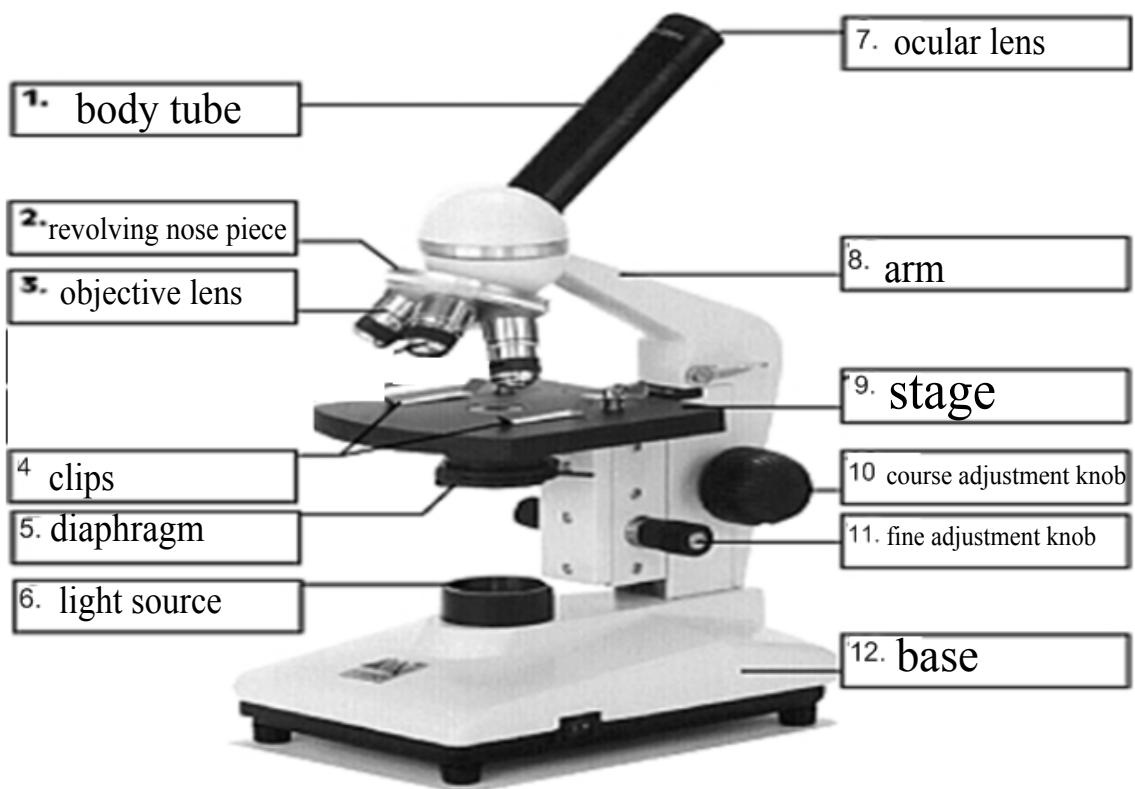
**Metaphase**- chromosomes line up in the middle of the cell

**Anaphase**- Chromosomes split apart and move to the poles, daughter cells have complete set of genetic information.

**Telophase**- chromosomes reach opposite poles, nuclear membrane reforms, cytokinesis begins, cytoplasm/organelles split into equal parts.







## Attachments

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Uranus student response(4).avi

student response no tilt.avi