



Inheritance, Variation and Evolution - Quick Fire Questions

This worksheet is fully supported by a video tutorial; <https://youtu.be/IL-dUnKmksY>

1. How many cells are produced at the end of mitosis?
2. How many cells are produced at the end of meiosis?
3. What are the male gametes in plants?
4. What the female gametes in plants?
5. What are the male gametes in animals?
6. What are the female gametes in animals?
7. What is the basic structure of DNA?
8. Define gene.
9. Define genome.
10. Define gamete.
11. Define chromosome.
12. Define allele.
13. Define dominant.
14. Define recessive.
15. Define homozygous.
16. Define heterozygous.
17. Defined genotype.
18. Define phenotype.
19. What is polydactyly?
20. Is polydactyly dominant or recessive?
21. What is cystic fibrosis?
22. Is cystic fibrosis dominant or recessive?
23. How many pairs of chromosomes in human body cell?
24. What sex is XX?
25. What sex is XY?
26. Define evolution.
27. Define natural selection.
28. Despite the speciation.
29. What evidence is there for evolution?
30. How do fossils arise?
31. Define extinction.
32. What things lead to extinction?
33. Why can bacteria evolve quickly?
34. What is MRSA?
35. Why is the development of antibiotics so slow?