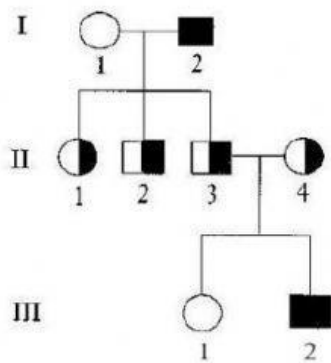


Pedigree Practice

Inheritance (Unit 4) – Biology

Name: _____

Block: _____ Date: _____

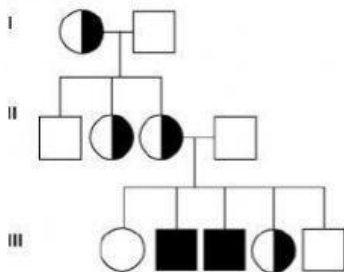


Write the genotype for every individual shown in this pedigree.

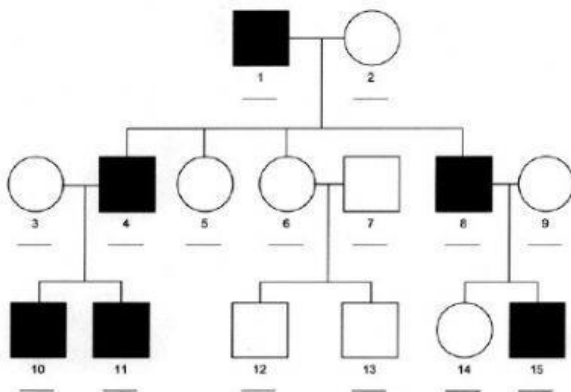
1. I-1: _____
2. I-2: _____
3. II-1: _____
4. II-2: _____
5. II-3: _____
6. II-4: _____
7. III-1: _____
8. III-2: _____

9. Which individual are carriers of the trait being tracked? _____
10. Is the trait dominant or recessive? _____

Generation



11. Is the trait being track here autosomal or sex-linked? _____
12. If it's sex-linked, is it X-linked or Y-linked, and how can you tell? (If it's not, just write "It's not"): _____
13. How can you tell if it's autosomal or sex-linked? _____
14. Will III-2 be able to pass this trait on to a daughter? Why or why not? _____
15. Will III-2 be able to pass this trait on to a son? Why or why not? _____



16. Is the trait being track here autosomal or sex-linked? _____
17. If it's sex-linked, is it X-linked or Y-linked, and how can you tell? (If it's not, just write "It's not"): _____
18. Will Individual 12 be able to pass this trait on to a daughter? Why or why not? _____
19. Will Individual 12 be able to pass this trait on to a son? Why or why not? _____