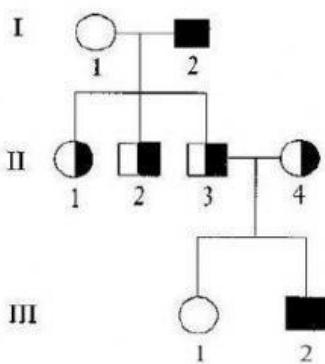


## Pedigree Practice

### Inheritance (Unit 4) – Biology

Name: \_\_\_\_\_

Block: \_\_\_\_\_ Date: \_\_\_\_\_



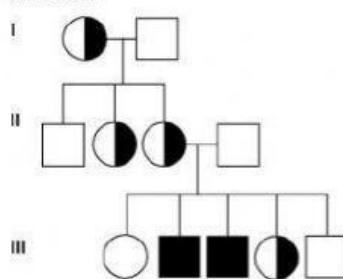
Write the genotype for every individual shown in this pedigree.

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



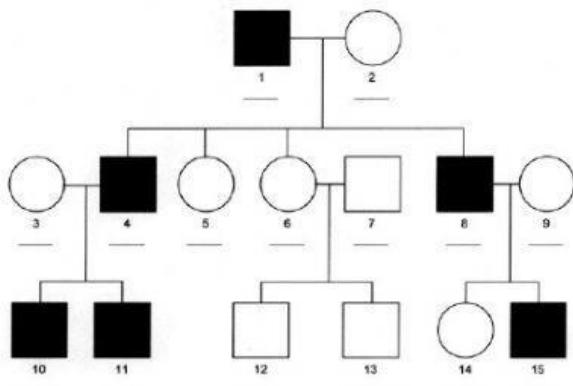
11. Is the trait being tracked here autosomal or sex-linked? \_\_\_\_\_

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 tracked 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? \_\_\_\_\_