Genetics Vocab Practice:

1. For the following, write phenotype or genotype for each
2. Red 2. Gg 3. Heterozygous

4. Tall 5. Short 6. Homozygous dom

7. Hetero 8. Rr 9. White

10. homo rec 11. Brown 12. tt

1. For the following, give the symbols for each set of alleles

13. Tall is Dominant = \_\_\_\_\_\_\_\_ 14. Yellow is dominant = \_\_\_\_\_\_\_

Short is recessive = \_\_\_\_\_\_\_\_ Green is recessive = \_\_\_\_\_\_\_\_

15. Round is Dominant = \_\_\_\_\_\_\_\_ 16. Purple is dominant = \_\_\_\_\_\_\_\_

Wrinkled is recessive = \_\_\_\_\_\_\_\_ White is recessive = \_\_\_\_\_\_\_\_

1. For the following, write the genotypes (homo dom), (homo rec), or (hetero)….use the symbols from part II.

17. yy 18. Pp 19. Pp 20. RR

21. TT 22. Tt 23 ww 24. Yy

1. For the following write the phenotype of each (use symbols from part II)

25. Rr 26. rr 27. Yy

28. PP 29. Tt 30. tT

31. yy 32. RR 33. Pp

1. Write the parents genotype below each of the descriptions

34. A heterozygous tall mom is crossed with a short dad.

Mom \_\_\_\_\_\_\_ X \_\_\_\_\_\_\_\_\_ Dad

35. A female white flowered pea plant is crossed with a pure purple flowered pea plant.

Mom \_\_\_\_\_\_\_\_\_ X \_\_\_\_\_\_\_\_\_\_ Dad

36. A pure round pea plant pollinated a heterozygous wrinkled female.

Mom \_\_\_\_\_\_\_\_ X \_\_\_\_\_\_\_\_\_\_\_Dad

37. A heterozygous yellow male is crossed with a green female plant.

Mom \_\_\_\_\_\_\_\_\_ X \_\_\_\_\_\_\_\_\_\_\_ Dad