**Section A: Identify each situation below by writing a P for phenotype or a G for genotype.**

1. \_\_\_\_\_\_ Bb 6) \_\_\_\_\_\_ AaBbCc
2. \_\_\_\_\_\_ brown hair 7) \_\_\_\_\_\_ widow’s peak
3. \_\_\_\_\_\_ stripes 8) \_\_\_\_\_\_ curly hair
4. \_\_\_\_\_\_ ZZ 9) \_\_\_\_\_\_\_ Tt
5. \_\_\_\_\_\_ tall 10)\_\_\_\_\_\_\_ PP

**Section B: Identify the following genotypes as homozygous dominant, homozygous recessive, or heterozygous.**

11) BB \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12) GG\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13) Bb \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14) AA\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15) bb\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16) Ss\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17) Tt\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18) qq \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

19) rr\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

20) Dd\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Section C: Assign a symbol (letter) for each situation below.**

21) Black fur is dominant over white fur

 \_\_\_\_ Homozygous dominant \_\_\_\_Homozygous recessive \_\_\_\_Heterozygous

22) Tall is dominant over short

\_\_\_\_ Homozygous dominant \_\_\_\_Homozygous recessive \_\_\_\_Heterozygous

23) Yellow is dominant. Green is recessive.

\_\_\_\_ Homozygous dominant \_\_\_\_Homozygous recessive \_\_\_\_Heterozygous

24) White flowers are recessive. Purple flowers are dominant.

\_\_\_\_ Homozygous dominant \_\_\_\_Homozygous recessive \_\_\_\_Heterozygous

25) Long tails are dominant over short tails.

\_\_\_\_ Homozygous dominant \_\_\_\_Homozygous recessive \_\_\_\_Heterozygous

**Section D: Assign a genotype for each situation below.**

26) The rabbit is homozygous dominant for black fur. \_\_\_\_\_\_\_\_\_\_

27) The flower is heterozygous for purple petals. \_\_\_\_\_\_\_\_\_\_\_

28) The pea plant is short, which is the recessive trait. \_\_\_\_\_\_\_\_\_\_\_\_

29) The dog is heterozygous for brown fur. \_\_\_\_\_\_\_\_\_\_\_\_

30) The man is homozygous dominant for widow’s peak. \_\_\_\_\_\_\_\_\_\_\_\_