Genetics Live Worksheet

Directions: Match the words to the definitions.

Punnett Square	Common name for homozygous dominant or homozygous recessive (GG or gg)
Recessive	The factor that masks or hides another factor.
Phenotype	Common name for heterozygous
Genotype	When a pair of letters has 1 Capital and 1 lowercase letter (Hh)
Dominant	When someone has a dominant AND recessive form of a gene (Gg).
Homozygous	The physical trait written out in words explaining what the letters mean.
Heterozygous	A pair of letters with 2 dominant or 2 recessive genes (HH or hh)
Purebred	The factor the gets masked or hidden by another.
Hybrid	The name for the 2 letters used to represent a trait.
Carrier	Shorthand way to keep track of of crosses between parents' traits and the traits in the offspring.

Directions: Indicate whether the following are Phenotypes or Genotypes.
Genotypes show two letters. Phenotypes are words that tell if the organism got the trait or not.

1. Gg
2. Freckles
3. Attached Ear Lobes
4. hh
5. DD
6. Unattached Ear Lobes
7. Bb
8. No Freckles
9. Brown fur
10. AA

LIVEWORKSHEETS