

Review Questions

- Define an allele, a phenotype, and a genotype.
- Describe how homozygous recessive is different from homozygous dominant.
- Define heterozygous.
- State the genotype of an organism that has the recessive phenotype.
- State the genotypes of parents if they have all recessive-phenotype children.
- State the genotypes of parents if $\frac{1}{4}$ of their offspring have the recessive-phenotype.
- If half the children of a couple have recessive phenotypes, what are the genotypes of the parents?
- If a heterozygous couple has 3 offspring, all with the dominant phenotype, what are the odds their 4th offspring will have the recessive phenotype?

Stripes are recessive.
Red is recessive.
Which baby is from
which momma?

