

Punnett Square Practice

Directions: For each problem what percent of the offspring will have the DOMINANT trait?

1. Red flower is the dominant trait R, recessive white flower r. A purebred white flower plant (rr) is crossed with a purebred white flower plant (rr).
2. Tall is a dominant to short. A purebred dominant tall plant (BB) is crossed with a purebred recessive short plant (bb).
3. Green is dominant to yellow. Two hybrid green plants are crossed.
4. Purple is dominant to white. A hybrid purple flower is crossed with a white flower (purebred recessive).
5. Red is dominant over yellow. A hybrid red flower is crossed with a purebred red flower.
6. Black fur in guinea pigs is a dominant trait. White fur is the recessive trait. When a purebred black is crossed with a hybrid black what percent is the offspring to be black?
7. Black fur in guinea pigs is a dominant trait. White fur is the recessive trait. If 2 hybrid black guinea pigs crossed, what percent will be black?
8. Gold is a dominant trait in goldfish. White is the recessive trait. If a purebred gold is crossed with a purebred white, what percent will come out gold?
9. Uni-brow is recessive trait. What are the odds a Purebred recessive mom and a hybrid dad have a student without a uni-brow.
10. What are the odds a hybrid dad and purebred dominant mom have an offspring with freckles (freckles is a dominant trait)