

NAME _____ BLOCK _____ DATE _____

Monohybrid Cross Worksheet

#1) Gene: Height
Alleles: Tall (T)
Short (t)
Mom: Homozygous recessive
Dad: Heterozygous

- Please complete the Punnet Square using the data above.
- Which is the dominant allele? What does being dominant tell us about this allele?
- What is the phenotype of the mother? Her genotype?
- What is the genotypic ratio of their offspring?
- What is the phenotypic ratio of their offspring?
- If they gave birth to 20 children, how many would be short?

#2) Gene: _____?
Alleles: Blonde hair (B)
Brunette hair (b)
Mom: Heterozygous
Dad: Heterozygous

- Please complete the Punnet Square using the data above.