

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.