

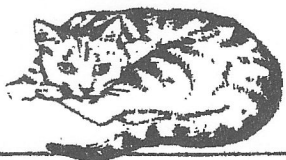

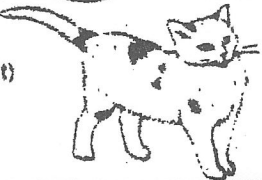
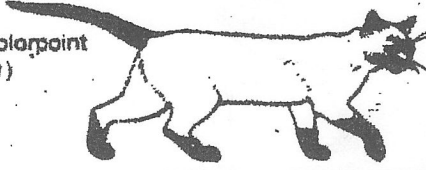


Cat Crosses

SELECTED TRAITS IN CATS		
Trait	Dominant Allele	Recessive Allele
Coat length	Short hair (H) 	Long hair (h) 
Tabby stripes	Tabby (T) 	Stripeless (t) 
Colorpoint (markings on nose, ears, paws, and tail)	Normal (no colorpoint) (N) 	Colorpoint (n) 

1. Cross a cat that is **heterozygous** for short hair with a cat that is **heterozygous** for short hair.

Punnett Square: _____

Genotype ratio: _____

Phenotype ratio: _____

2. Cross a cat that is **heterozygous** for tabby with a cat that is **stripeless**.

Punnett Square: _____

Genotype ratio: _____

Phenotype ratio: _____

3. Cross a cat that is **colorpoint** with a cat that is **homozygous normal**.

Punnett Square: _____

Genotype ratio: _____

Phenotype ratio: _____