Name:	Date:
	Punnett Square Practice Worksheet
Purple flow	ne genotypes (AA, Aa or aa) below determine what the phenotype would be. wers are dominant to white flowers.
PP_	Pp pp
Hairy knu	ckles are dominant to non-hairy knuckles in humans.
	Hh hh
	n cats are recessive. Normal tails are dominant.
2) For each of the homozygous received	e following write whether it is homozygous dominant, heterozygous or essive.
AA	gg
Pp	Ii
tt	TT
In dogs, the gene	ing information for questions 3-5: e for fur color has two alleles. The dominant allele (F) codes for grey fur and the (f) codes for black fur.
percentage or rat	og is heterozygous. The male dog is homozygous recessive. Figure out the io of possible phenotypes and genotypes of their puppies by using a Punnett
Square.	Place the alleles for the male parent below. One allele on each line:
% of possible Ge	enotypes:
FF:	
Ff:	Place the alleles for the female parent on the
ff:	side. One allele on each line:
% of possible Ph Black fur:	
Grey fur:	

Name:	Date:
4) The female dog has black fur. The genotypes of their possible puppies	he male dog has black fur. Figure out the phenotypes and by using a Punnett Square.
% of possible Genotypes:	
FF:	
Ff:	
ff:	
% of possible Phenotypes: Black fur:	
Grey fur:	
5) The female dog is heterozygous. and genotypes of their possible pup	The male dog is heterozygous. Figure out the phenotypes opies by using a Punnett Square.
% of possible Genotypes:	
FF:	
Ff:	
ff:	
% of possible Phenotypes: Black fur:	
Grey fur:	
· · · · · · · · · · · · · · · · · · ·	ant (E). White eyes are recessive (e). If the female fly has mozygous dominant red eyes, what are the possible offspring?
Genotypes: EE:	Phenotypes: Red Eyes:
Ee: ee:	White Eyes: