Name:	Block:	Date:	
Dragon Genetics -	Punnett Square Challenge		
Key Vocabulary:			
Dominant trait- A tra Recessive trait- A tra Genotype – A pair of a Phenotype – The trait Heterozygous – When	pair or genes, for example: E ait that will be seen if one or both allowit that will only be seen if both alleles alleles, for example: Ww, ee or FF that will be seen, for example: wing the genotype is made of the same a	s are recessive, for example: gs or no wings or breathes alleles, for example: Ww or F	ee s fire f
_	t the answer to each of the dra nformation in the problems. Co now your work!		
can be fire breathers	lele for fire breathing is domina (F), or non fire breathers (f). otypes of all possible dragons:	Show the	
, ,	fire-breathing dragon is crosse ability of the offspring being fi		t breathe
3. If two heterozygou NOT being fire-breat	us dragons are crossed, what is hers?	s the probability of the o	offspring

4. Also in dragons, wings are a dominant t two wingless (w) dragons, what is the probaving wings?			
		(
5. Two winged dragons produce an offsprir genotypes of the parents?	ng that does	not have win	gs. What are the
6. If a purebred winged dragon is crossed many of their offspring will be winged and			dragon, how
7. A dragon with wings (Ww) is crossed wingle percentage of their offspring will be wingle		does not hav	ve wings. What