Name		Date	Period
	Simple Genetics I	Practice Problems	
1. For each set of alleles, indicate whether it is purebred (P) or hybrid (H)			
AA	Ee	li	Mm
Bb	ff	Jj	nn
Cc	GG	kk	00
Dd	нн	LI	Pp
2 For set each of all	leles helow determ	ine what trait the or	rganism will have
Purple flowers are dominant to white		Brown eyes are dominant to blue	
flowers		eyes	
PP		BB	
Pp		Bb	
pp		bb	
Round seeds are dominant to wrinkled		Bobtails are recessive (long tails dominant) TT	
Rr		Tt	
rr		tt	
the dominant trait, hair would be "s") Straight hair is dom	ex. The letter for St		
straight		heads.	
straight		pointed	
curly		pointed	
		rou	nd
the offspring be?		c (short plant). What	
	int. What are the all	leles of the parents?	
What percentage of	the offspring will a	lso be purebred?	