Name			Date		
Н	omework: Monohybric	d Cross Problems			
F0 <u>s0</u>	or each of the following uare and give the gen	g problems, <u>give the</u> otype ratio and phen	genotype of the parents, make a Punotype ratio expected in the offsprir	<u>unnett</u> 1g.	
1.	In hobbits, hairy toes hobbit with a heterozygo		ooth toes(h). Cross a homozygous hairy	toed	
	Parent genotype:	X			
	Genotypic ratio:				
	Phenotypic ratio:				
2.	In humans brown eyes are dominant over blue eyes . What type of offspring would you expect if you crossed a heterozygous brown eyed person to a heterozygous brown eyed person?				
	Parent genotype:	X			
	Genotypic ratio:				
	Phenotypic ratio:				
3.	•	gray hair is dominant of erson to a homozygous no	over normal hair coloring. Cross a homormal haired person.	ozygous	
	Parent genotype:	X			
	Genotypic ratio:				
	Phenotypic ratio:				
4.			tongue rolling. What would be the experossed to a heterozygous tongue roller?	ected type	
	Parent genotype:	X			
	Genotypic ratio:				
	Phenotypic ratio:				

Parent genotype: X X Senotypic ratio: Phenotypic ratio: 6. Widow's peak (W) is dominant to a sm for widow's peak with her husband, who	nooth hairline (w). Cross a woman who is homozygous
Phenotypic ratio: 6. Widow's peak (W) is dominant to a sm	nooth hairline (w). Cross a woman who is homozygous
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Smooth	Hairlin Widow's Peak
Parent genotype: X	
Genotypic ratio:	
Phenotypic ratio:	
7. In Rasatafarians, dreadlocks are domin husband, who is homozygous for dreads.	nant to baldness . Cross a female who's bald with her .
Parent genotype: X	
Genotypic ratio:	
Phenotypic ratio:	