## Beyond Mendel WS

Solve thes	e genetics	problems.	Be	sure	to	complete	the	Punnett	square	to	show	how	Vot
derived you	ır solution.		-						210000				,

## INCOMPLETE DOMINANCE

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Certain breeds of cows are bred we summarize the control with a roan bull	ith pure breedir		ominance in coat color. When pure breeding vs, the offspring are roan (a pinkish coat col the possible offspring when a roan cow is ma
A man with type	e AB blood ma xpected phenoty	rries a wom	nan with type B blood. Her mother has type ype frequencies of their children.
-DOMINANCE A man with type blood. List the ex	e AB blood ma xpected phenoty	rries a wom	nan with type B blood. Her mother has type ype frequencies of their children.

Na	me	AP Biology
4.	The father of a child has type AB blood. The mother has type A Which blood types can their children NOT have?	۸.
5.	A woman with type A blood and a man with type B blood could potentially have offspring with what blood types?	
6.	The mother has type A blood. Her husband has type B blood. Their child has type O blood. The father claims the child can't be his. Is he right?	
7.	The mother has type B blood. Her husband has type AB blood Their child has type O blood. The father claims the child can't be his. Is he right?	
8.	The mother has type AB blood. The father has type B blood. His mother has type O blood. What are all the possibilities of blood type for their children?	
LE	THAL DOMINANT	
	Achondroplasia (dwarfism) is caused by a dominant gene. A dwarfism marry. If homozygous achondroplasia results in genotypes and phenotypes of all potential live-birth offspring.  What is the exportant offspring of the exportant offspring.	death of embryos, list the
Q.E	EX-LINKED	1444
	The genes for hemophilia are located on the X chromosome, the possible genotypes and phenotypes of the children from a and a woman who is a carrier. (HINT: You have to keep track	man normal for blood clotting
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TO	TRA CREDIT: Remember those roan cows from question 2? Thorn vs. hornless cattle. The allele for horns dominates the allew are heterozygous for both genes, what are the probabilities for	ele for hornless, if a bull and