Na	Name:	Period:	Date:		
W	Name: Worksheet #2 – Genetics Practice Problem (dihyl	brids)			
1.	In tomatoes, yellow fruit and dwarf vine are due to recessive genes. The dominant genes are for red fruit and tall vines. A. Make a separate key for each trait				
	B. If pollen (male) from a pure dwarf plant bearing red fruit is placed on the pistil (female) of a pure tall plant bearing yellow fruit, what types of offspring would be expected in the F ₁ 's?				
	C. Of the F_1 generations are crossed among t	hemselve	s, what would be expec	eted in the F ₂ 's?	,
2.	Some dogs bark when trailing; others are siler dominant to drooping ears.A. Make a separate key for each trait.	nt. The ba	arking trait is due to a d	lominant gene.	Erect ears are
	B. What kind of pups would be expected from silent trailer?	m a hetero	ozygous erect-eared bar	ker mated to a	droop eared,