

Name _____ Date _____ Period _____
Possible Child Drawing #7

If a child receives two X chromosomes, it will be a girl. If a child receives one X and one Y chromosome, it will be a boy. Study the following chart which shows some common observable traits a child may inherit from its parents.

<u>Trait</u>	<u>Dominant</u>	<u>Recessive</u>
Hair Color	Not red (H)	Red (h)
Hair Curl	Curly (R)	Straight (r)
Eye Color	Not blue (E)	Blue (e)
Earlobes	Free (L)	Attached (l)
Dimples	Have dimples (D)	No dimples (d)
Widow's Peak	Have widow's peak (A)	No widow's peak (a)
Freckles	Have freckles (F)	No freckles (f)

**If a child receives the following alleles from its parents, fill in the genotypes and phenotypes of the child.

<u>Trait</u>	<u>Mom's Allele</u>	<u>Dad's Allele</u>	<u>Genotype</u>	<u>Phenotype</u>
Sex	X	Y		
Hair Color	h	h		
Hair Curl	R	r		
Eye Color	e	e		
Earlobes	l	L		
Dimples	D	D		
Widow's Peak	a	a		
Freckles	F	f		

**Draw a picture of the child which shows each of the phenotypes you listed. You can use the back of this paper for your drawing.