

PS: 2-Trait Practice WS

1. What are all the possible genotype and phenotype fractions for children created from a cross from the following two individuals: Mom is heterozygous for both hitchhiker's thumb and the ability to roll her tongue. Dad is also heterozygous for hitchhiker's thumb, but he cannot roll his tongue.

Gene notation	___ = _____
	___ = _____
Symbols used	___ = _____
	___ = _____
Parent	MOM = _____
Genotypes	DAD = _____
Mom's egg varieties :	_____
Dad's sperm varieties:	_____

Genotypes


Phenotypes

2. Mom and Dad are both heterozygous for long fingers and widow's peak hairlines (widow's peak = forehead hairline that makes a V-shaped point in the middle). What is the fraction chance that any of their children will have **long fingers** and a **straight hairline**? \_\_\_\_\_

Gene notation	___ = _____
	___ = _____
Symbols used	___ = _____
	___ = _____
Parent	MOM = _____
Genotypes	DAD = _____
Mom's egg varieties :	_____
Dad's sperm varieties:	_____


