

Warm Ups Chapter 11

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- Sketch and label the definition of the following words as it relates to genetics
 - True Breeding
 - Trait
 - Hybrid
 - Cross pollination

Review Test 8/9

- Find 5 questions that you got wrong
 - Write out the question completely
 - Write out the answer

- If you got less than 5 questions wrong
 - Pick 5 questions that are key to understanding the two chapters (rewrite and answer) or
 - Redraw two of the three drawings

Warm Up Chapter 11 (2/3)

- Describe the difference between a hybrid and a true breeding plant
- List 5 birds with their field marks – how you ID them

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- T = Tall, t= short R = round, r = wrinkled
1. Find the genotypic and phenotypic ratios crossing a short (tt) plant with a Tall (TT) plant.
 2. Heterozygous Tall crossed with a homozygous recessive plant. Complete the punnet square
 3. A round seed was crossed with a wrinkled seed and $\frac{1}{2}$ of the offspring came out wrinkled. Explain why and prove with a punnet square

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- Draw a labeled cartoon or image showing the meaning of the following words
 - Heterozygous
 - Phenotype
 - Genotype
 - Homozygous

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Build a Human Analysis Q

- 1. Cut Your Child in half (lengthwise and glue to this page)**
- 2. List all of the traits that follows Mendel's
2 Allele, Dominant Recessive format**
- 3. Make a chart of the traits that do not follow
Mendel's rule (Blending, Show both, other)**

Blending	Shows both	More than 2 Alleles	Other

- 4. IQ and personality is both genetic and environment.
Explain a case when a person environment could
alter a persons genetics.**

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Grade your own Chart

Mendel	Blending	Both	Multi-alleles	Other
Eye Brows	Bust/Chest	Blood type	Blood type	Eye color
Ear Lobes	Hair type			IQ
Lips	Hair color			Social Group
Nose shape	Body Type			
Handed				
Baldness				