



Looking at Traits: Student Activity Sheet

Name: _____

Date: _____

Part 2: What Traits Do Others Have?

Take a look at your completed chart.

1. Were the dominant traits always more common?

2. Were there some recessive traits that were more common? If so, which ones?

3. Were there any other interesting results or patterns?

Punnett Square Extension

Oftentimes we can predict which traits the offspring will have using a Punnett Square. The **Punnett square** is a square diagram that is used to predict the genotypes and phenotypes of a particular breeding experiment. Remember that **phenotype** is the trait you see. **Genotypes** are the genes that result in the visible trait. The offspring's genotype will determine if they have a dominant or recessive trait.

<p>1. If a free earlobe (FF) mates with an attached earlobe (ff):</p> <p>a. What are the possible genotypes of the offspring? _____</p> <p>b. What are the possible phenotypes of the offspring? _____</p>	<table border="1" data-bbox="1102 1029 1510 1163"><tbody><tr><td></td><td></td></tr><tr><td></td><td></td></tr></tbody></table>				
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