

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**WILBUR & WILMA'S CHILD**Trait: **Mouth**

Wilbur gives: <b>m</b>	Child's genotype:
Wilma gives: <b>M</b>	Child's phenotype:

---

Trait: **Ears**

Wilbur gives: <b>P</b>	Child's genotype:
Wilma gives: <b>p</b>	Child's phenotype:

---

Trait: **Nose**

Wilbur gives: <b>N</b>	Child's genotype:
Wilma gives: <b>n</b>	Child's phenotype:

---

Trait: **Eyes**

Wilbur gives: <b>e</b>	Child's genotype:
Wilma gives: <b>e</b>	Child's phenotype:

---

Trait: **Eyebrows**

Wilbur gives: <b>Y</b>	Child's genotype:
Wilma gives: <b>X</b>	Child's phenotype:

---



Name: \_\_\_\_\_ Date: \_\_\_\_\_

<u>Trait – Phenotype</u>	<u>Number in Results</u>	<u>Total Offspring</u>	<u>Percent</u>	<u>Probability from Punnett Squares</u>	<b>Difference</b> (percent – probability)
<b>Mouth</b> – large					
<b>Mouth</b> – small					
<b>Ear Shape</b> – pointed					
<b>Ear Shape</b> – round					
<b>Nose</b> – small					
<b>Nose</b> – large					
<b>Eyes</b> – large					
<b>Eyes</b> – small					
<b>Eyebrows</b> – large, female					
<b>Eyebrows</b> – small, male					

**Results:**

Traits that showed up **MORE** than probability (the **difference** will be a POSITIVE number):

Traits that showed up **LESS** than probability (the **difference** will be a NEGATIVE number):

Traits that showed up **SAME** as probability (the **difference** will be 0):

**Why do you think our actual results were different from our Punnett square predictions?**