

## Cloze Notes - Non-Mendelian Inheritance

Many patterns of heredity do not follow Mendel's Laws (he was also very lucky!)

Polygenic Traits-

Ex.1

Ex.2

Environmental Effects- some genes are controlled by external or internal factors

Ex. Natural Environment-

Ex. Internal Environment-

\_\_\_\_\_ - the heterozygous phenotype shows a combination of the two homozygous phenotypes ***\*First letter trait, superscript the allele***

Ex. Snapdragon Flowers

|                |             |                          |
|----------------|-------------|--------------------------|
| P              | Red x White | $F^R F^R \times F^W F^W$ |
| F <sub>1</sub> |             |                          |
| F <sub>2</sub> |             |                          |

Multiple Alleles- \_\_\_\_\_

Ex. Blood Type \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Codominance- \_\_\_\_\_

Ex. Blood Types

|    |  |
|----|--|
| A  |  |
| B  |  |
| O  |  |
| AB |  |

