

Build Your Own Punnett Squares

Inheritance (Unit 4) – Biology

Name: _____

Block: _____ Date: _____

One of the best ways to learn a new mental skill is to create your own practice problems. You have to understand a skill very well to come up with your own problems! Build your own four (4) practice problems before.

Resources: Inheritance Basics [presentation](#) and [Quizlet set](#); Predicting Offspring's Traits [presentation](#) and [Quizlet set](#).

IMPORTANT: You must use each term in this table at least once!

Inheritance Patterns	Genotype Descriptions
Complete dominance	Homozygous dominant
Incomplete dominance	Heterozygous
Codominance	Homozygous recessive

IMPORTANT: You must use each term in this table at least once!

Practice Problem #1

Inheritance Pattern: _____

Parent 1's Genotype Description: _____

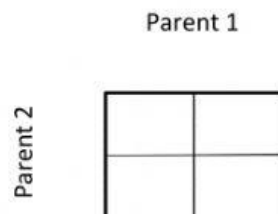
Parent 1's Phenotype: _____

Parent 2's Genotype Description: _____

Parent 2's Phenotype: _____

Offspring's Phenotypic Ratio: _____

% chance that an offspring will look like Parent 1: _____%



Practice Problem #2

Inheritance Pattern: _____

Parent 1's Genotype Description: _____

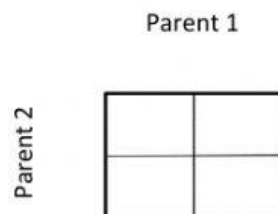
Parent 1's Phenotype: _____

Parent 2's Genotype Description: _____

Parent 2's Phenotype: _____

Offspring's Phenotypic Ratio: _____

% chance that an offspring will look like Parent 1: _____%



Practice Problem #3

Inheritance Pattern: _____

Parent 1's Genotype Description: _____

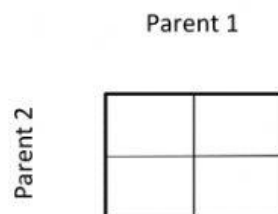
Parent 1's Phenotype: _____

Parent 2's Genotype Description: _____

Parent 2's Phenotype: _____

Offspring's Phenotypic Ratio: _____

% chance that an offspring will look like Parent 1: _____%



Practice Problem #4

Inheritance Pattern: _____

Parent 1's Genotype Description: _____

Parent 1's Phenotype: _____

Parent 2's Genotype Description: _____

Parent 2's Phenotype: _____

Offspring's Phenotypic Ratio: _____

% chance that an offspring will look like Parent 1: _____%

