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: _____
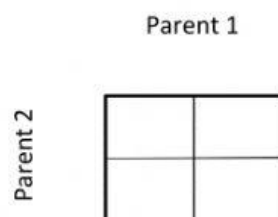Parent 1's Phenotype: _____
Parent 2's Genotype Description: _____
Parent 2's Phenotype: _____
Offspring's Phenotypic Ratio: _____
% chance that an offspring will look like Parent 1: _____%

Parent 1

Parent 2

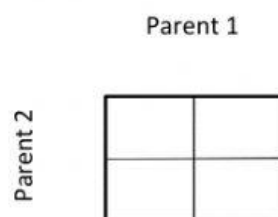## Practice Problem #2
Inheritance Pattern: _____
Parent 1's Genotype Description: _____
Parent 1's Phenotype: _____
Parent 2's Genotype Description: _____
Parent 2's Phenotype: _____
Offspring's Phenotypic Ratio: _____
% chance that an offspring will look like Parent 1: _____%

Parent 1

Parent 2

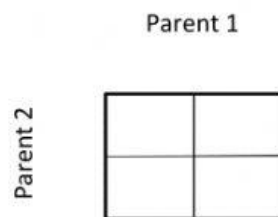## Practice Problem #3
Inheritance Pattern: _____
Parent 1's Genotype Description: _____
Parent 1's Phenotype: _____
Parent 2's Genotype Description: _____
Parent 2's Phenotype: _____
Offspring's Phenotypic Ratio: _____
% chance that an offspring will look like Parent 1: _____%

Parent 1

Parent 2

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: _____%

Parent 1

Parent 2