

Punnett Squares

Worksheet

Name _____

Date _____

Complete the following monohybrid crosses; fill in the Punnett square, list the ratio, and describe the offspring! Be sure to remember that capital letters are dominant.

Example:

A green pea plant (GG) is being crossed with a green pea plant (Gg)

	G	G
G	GG	GG
g	Gg	Gg

Genotype = 2 GG; 2 Gg; 0 gg

Phenotype = 4 Green pea plants; 0 other color

1) A green pea plant (GG) is crossed with a yellow pea plant (gg)

2) A tall plant (TT) is crossed with a tall plant (Tt)

3) A tall plant (Tt) is crossed with a short plant (tt)

4) A red flower (Rr) is crossed with a white flower (rr)

5) A white flower (rr) is crossed with a white flower (rr)

6) A black chicken (BB) is crossed with a black chicken (BB)