

Simple Inheritance Practice #1

Complete the following monohybrid crosses: draw a Punnett square, list the ratio and describe the offspring. Be sure to remember that the **capital letter is dominant**.

- 1) A green pea plant (Gg) is crossed with a yellow pea plant (gg).

Genotypic Ratio:

Phenotypic Ratio:

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

Genotypic Ratio:

Phenotypic Ratio:

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

Genotypic Ratio:

Phenotypic Ratio:

- 4) A round pea pod (Rr) is crossed with a wrinkled pea pod (rr)

Genotypic Ratio:

Phenotypic Ratio:

- 5) A round pea pod (RR) is crossed with another round pea pod (Rr)

Genotypic Ratio:

Phenotypic Ratio:

- 6) A round pea pod (Rr) is crossed with another round pea pod (Rr)
