**Genetics Quiz Review**

1. For corn, yellow color is dominant over blue color. If one corn stalk is pure bred for yellow color and another corn stalk is homozygous for blue color, what are the chances that their offspring would appear blue?

**Step 1: Choose your symbols**

\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 2: Assign Genotypes to parents**

Parent 1 \_\_\_\_\_\_\_\_ Parent 2 \_\_\_\_\_\_\_\_

**Step 3: Punnett Square**

**Step 4: Answer the question**

\_\_\_\_\_\_\_\_ out of 4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Genetics Quiz Review**

1. If red roses and white roses are codominant, what are the chances that a purebred red rose and a heterozygous rose produce a red and white rose offspring?

**Step 1: Choose your symbols**

\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 2: Assign Genotypes to parents**

Parent 1 \_\_\_\_\_\_\_\_ Parent 2 \_\_\_\_\_\_\_\_

**Step 3: Punnett Square**

**Step 4: Answer the question**

\_\_\_\_\_\_\_\_ out of 4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Genetics Quiz Review**

1. A grey rabbit mated with a white rabbit and produced a white rabbit offspring. What were the chances of this occurring if white fur color is incompletely dominant with black fur color?

**Step 1: Choose your symbols**

\_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 2: Assign Genotypes to parents**

Parent 1 \_\_\_\_\_\_\_\_ Parent 2 \_\_\_\_\_\_\_\_

**Step 3: Punnett Square**

**Step 4: Answer the question**

\_\_\_\_\_\_\_\_ out of 4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_