

Monohybrid Cross Worksheet Answer Key

Chapter 1 : Monohybrid Cross Worksheet Answer Key

Monohybrid cross worksheet name _____ period _____ part a: vocabulary match the definitions on the left with the terms on the right. 1. genotypes made of the same alleles a. alleles 2. different forms of genes for a single trait b. dominant 3. gene that is always expressed c. heterozygous

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Monohybrid cross problems 2 . for each of the following complete a punnett square and answer the question using your own paper. 1. a tall plant (t) is dominant to short plant (t). if all offspring of a cross are heterozygous, what were the genotypes of the parents? 2. a round seeded plant (r) is dominant to a wrinkled seeded plant (r).

Worksheet: monohybrid crosses u n i t 3 : g e n e t i c s directions: answer the following genetic cross problems. you can refer to the “punnett square cheat sheet” attached at the end of this worksheet to help you solve the different types of problems.

Practice with monohybrid punnett squares read the following passage and answer the questions. outcome (offspring) of a cross between a plant homozygous for round peas and a plant homozygous for wrinkled peas. 5. predict the phenotypic and genotypic outcome (offspring) of a cross between two plants heterozygous

Genetics worksheet part 1 introduction: 1. describe the genotypes given (use your notes). the first two are already done. part 3 monohybrid cross when we study the inheritance of a single gene it is called a monohybrid cross. **on the following pages are several problems. 1. a heterozygous, smooth pea pod, plant is crossed with a wrinkled

Dihybrid cross worksheet set up a punnett square using the following information: 2. a tall pea plant with terminal flowers (flowers on the ends of the stems) js crossed with a short plant that js crossed with a short plant that has axial flowers. all 72 offspring are tall with axial flowers. this is a dihybrid cross with the height and

Punnett squares – dihybrid crosses background punnett square are used to predict the possibility of different outcomes. when looking at one trait at a time it is called a monohybrid cross. you completed these last year. complete the review problem below. 4 mendelian genetics worksheet 3. imagine that a couple is planning to have children.

Monohybrid punnett square practice background: a punnett square is a visual tool used by scientists to determine the possible combinations of genetic alleles in a cross. since genes are inherited randomly and independently, punnett squares monohybrid punnett square solutions 1. a green pea plant (gg) is crossed with a yellow pea plant (gg).

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