Genetics Vocabulary Crossword Puzzle

Name _____

Date _____

(Key 1 - Answer ID # 0585297)

Select the definition that most nearly defines the given word.

1. **Probability** (A) The likelihood of an occurrence (B) The passing of traits from parents to offspring (C) an observable trait (such as purple flowers)	2. **Punnett Square** (A) Two identical genes for the same trait (B) A tool used to analyze possible breeding outcomes (C) An inherited trait which is present only when inherited only from both parents
3. **Recessive** (A) An inherited trait which is present only when inherited only from both parents (B) An inherited characteristics (C) The kinds of genes an individual carries	4. **Homozygous** (A) Two identical genes for the same trait (B) A tool used to analyze possible breeding outcomes (C) Two different genes for the same trait
5. **Heterozygous** (A) An alternate form of a gene. (B) Two different genes for the same trait (C) An inherited trait which is present even when inherited only from one parent	6. **Genotype** (A) An inherited trait which is present even when inherited only from one parent (B) The kinds of genes an individual carries (C) The likelihood of an occurrence
7. **Trait** (A) The kinds of genes an individual carries (B) An inherited characteristics (C) An inherited trait which is present only when inherited only from both parents	8. **Gene** (A) Two different genes for the same trait (B) An inherited characteristics (C) the segment of DNA that determines a particular trait
9. **Allele** (A) An alternate form of a gene. (B) An inherited characteristics (C) The passing of traits from parents to offspring	10. **Dominant** (A) The likelihood of an occurrence (B) An inherited trait which is present even when inherited only from one parent (C) A tool used to analyze possible breeding outcomes
11. **Heredity** (A) The passing of traits from parents to offspring (B) the segment of DNA that determines a particular trait (C) Two identical genes for the same trait	12. **Phenotype** (A) A tool used to analyze possible breeding outcomes (B) an observable trait (such as purple flowers) (C) The passing of traits from parents to offspring

Name _____ Date _____
(Key 1)

Write a sentence using each word in the space provided.

1. **Homozygous** _____

2. **Genotype** _____

3. **Dominant** _____

4. **Recessive** _____

5. **Heterozygous** _____

6. **Phenotype** _____

7. **Gene** _____

8. **Heredity** _____

9. **Allele** _____

Key 1 - Answer Key 0585297

1. **Probability**
   - ● The likelihood of an occurrence
   - (B) The passing of traits from parents to offspring
   - (C) an observable trait (such as purple flowers)

2. **Punnett Square**
   - (A) Two identical genes for the same trait
   - ● A tool used to analyze possible breeding outcomes
   - (C) An inherited trait which is present only when inherited only from both parents

3. **Recessive**
   - ● An inherited trait which is present only when inherited only from both parents
   - (B) An inherited characteristics
   - (C) The kinds of genes an individual carries

4. **Homozygous**
   - ● Two identical genes for the same trait
   - (B) A tool used to analyze possible breeding outcomes
   - (C) Two different genes for the same trait

5. **Heterozygous**
   - (A) An alternate form of a gene.
   - ● Two different genes for the same trait
   - (C) An inherited trait which is present even when inherited only from one parent

6. **Genotype**
   - (A) An inherited trait which is present even when inherited only from one parent
   - ● The kinds of genes an individual carries
   - (C) The likelihood of an occurrence

7. **Trait**
   - (A) The kinds of genes an individual carries
   - ● An inherited characteristics
   - (C) An inherited trait which is present only when inherited only from both parents

8. **Gene**
   - (A) Two different genes for the same trait
   - (B) An inherited characteristics
   - ● the segment of DNA that determines a particular trait

9. **Allele**
   - ● An alternate form of a gene.
   - (B) An inherited characteristics
   - (C) The passing of traits from parents to offspring

10. **Dominant**
    - (A) The likelihood of an occurrence
    - ● An inherited trait which is present even when inherited only from one parent
    - (C) A tool used to analyze possible breeding outcomes

11. **Heredity**
    - ● The passing of traits from parents to offspring
    - (B) the segment of DNA that determines a particular trait
    - (C) Two identical genes for the same trait

12. **Phenotype**
    - (A) A tool used to analyze possible breeding outcomes
    - ● an observable trait (such as purple flowers)
    - (C) The passing of traits from parents to offspring