

# Warm - Ups

Week 19

- Vocabulary: Tuesday
  - Trait – An inherited characteristic
  - Punnett square – A tool used to calculate the possibilities of specific genotypes and phenotypes
- What is an organisms expressed physical trait?
  - Phenotype
  - Allele
  - Gene
  - DNA
- What is a part of a chromosome that codes for a specific hereditary trait?
  - Phenotype
  - Allele
  - Gene
  - DNA

- Vocabulary: Wednesday
  - Heredity – Genes and traits being passed from one generation to another generation
  - Gene – A part of a Chromosome that codes for a specific hereditary trait
- Which of the following is does not belong?
  - Adenine
  - Thymine
  - Adrenaline
  - Guanine
- What are physical characteristics studied in Genetics?
  - Phenotype
  - Allele
  - Gene
  - DNA

# Friday Quiz

1. How do the DNA proteins bond?
  - a) A-T; C-G
  - b) A-C; G-T
  - c) C-A; T-G
  - d) A-A; C-C
2. In sexual reproduction an offspring receives \_\_\_\_\_ gene(s) from their parents. \_\_\_\_\_ from each parent.
  - a) 1; 2
  - b) 2; 2
  - c) 1; 1
  - d) 2; 1
3. In general, physical characteristics are referred to as \_\_\_\_\_; a specific physical characteristic is a \_\_\_\_\_.
  - a) Genotypes; Phenotype
  - b) things; Trait
  - c) Traits; Phenotype
  - d) Phenotypes; Genotype
4. The different forms of a gene are called:
  - a) Alleles
  - b) Heredity
  - c) DNA
  - d) Dominant and Recessive
5. A person showing a recessive phenotype must be \_\_\_\_\_ for that trait.
  - a) Heterozygous
  - b) Homozygous
  - c) Dominant
  - d) Chromosomed