

Name: _____

Grade: _____

Date: _____



Non-Mendelian genetics test

- 1** In incomplete dominance, the offspring's phenotype is:
 - a) identical to one parent
 - b) a blend of both parents
 - c) completely new and unrelated
 - d) only one trait expressed fully
- 2** Co-dominance is best described as:
 - a) one allele hiding another
 - b) both alleles mixing into one trait
 - c) both alleles showing equally
 - d) two genes controlling one trait
- 3** Which of the following is a polygenic trait?
 - a) Blood type
 - b) Colorblindness
 - c) Tongue rolling
 - d) Height
- 4** What is the difference between incomplete dominance and co-dominance?

- 5** Two pink snapdragon flowers (R^wR^r) are crossed. Show the Punnett square and give the phenotypic ratio.
Use: R^r = red, R^w = white