Name: _____ **Date:** _____ **Block:** _____

"PTC The Genetics of Bitter Taste" Article https://learn.genetics.utah.edu/content/basics/ptc

1) What does PTC stand for?

2)
   a. Review: what is an "*allele*"?

   b. How many alleles of the PTC gene are there? How do they affect how PTC tastes?

3) How many genes do humans have that are involved in tasting bitter foods? Why were these helpful to early humans?

4) Copy down the article's definition of "heterozygote".

5) People with the "strong tasters" PTC allele are less likely to be smokers. Why might this be the case, according to the article?

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