

6.4 - For each term, NEATLY write the **definition** on the back of the card, including the answer to the question.

Gene

How does the term *locus* relate to genes?

Genome

About how many nucleotide pairs make up the human genome?

Allele

How many alleles do your cells have for each gene?

Genotype & phenotype

How are genotype and phenotype alike and different?

Homozygous/ Heterozygous

Give an example of homozygous and heterozygous alleles in humans.

Dominant & Recessive

What combination of alleles would show the dominant phenotype? The recessive? (Use R and r for alleles)