

PUNNETT SQUARE GUIDELINES

1. First read the problem.
2. Draw the square **with a ruler** & add eggs & sperm to sides.
3. Make a key for dominant & recessive genes.
4. Neatly place letters in eggs (top) & sperm (side).

NOTE: If no sex is given the **first** description is given to the female and the second to the male.

NOTE: Always place the **capital letter first**.

5. Carry out the cross
6. Then answer genotype & phenotype questions.

REMEMBER:

Genotype: refers to the genes/letters

Phenotype: refers to the appearance/what the offspring **looks** like.

EX: Black hair is dominant. A purebred black haired cat is crossed with a hybrid male who also carries a gene for white hair.

