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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Genes and Inheritance

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| **1.** What is variation? | **A.** gametes |
| **2.** Two types of cell division | **B.** haploid |
| **3.** Continuous variation | **C.** Only take fixed value |
| **4.** Phenotype | **D.** bb |
| **5.** An example of continuous variation | **E.** Diploid |
| **6.** Discontinuous variation | **F.** zygote |
| **7.** An example of discontinuous variation | **G.** Appearance of an organism |
| **8.** Sex cells | **H.** Differences between species |
| **9.** sperm cell | **I.** Allele |
| **10.** Cell division that produces gametes | **J.** BB |
| **11.** Fertilised egg | **K.** meiosis |
| **12.** Normal body cell | **L.** Can take any value |
| **13.** Different forms of a gene | **M.** length of fur |
| **14.** Homozygous recessive | **N.** eye colour |
| **15.** heterozygous | **O.** mitosis and miosis |
| **16.** Homozygous dominant | **P.** Bb |