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Chapter 11

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| **Across**  **1.** Traits controlled by two or more genes are said to be what?  **2.** The scientific study of heredity  **4.** Process in which the number of chromosomes per cell cut in half through the seperation of homologous chromosomes in a diploid cell  **6.** Meaning " one set"  **9.** The stucture that is formed by this pairing  **13.** As the homologous chromosomes form tetrads thay undergo a process called what?  **16.** These sets of chromosomes are what?  **17.** Sex cells  **18.** Physical Traits | **Down**  **3.** A gene with two or more alleles is said to have what?  **5.** Uses mathmatical probabaility to help predict the genotype and phenotype combinations in genetic crosses  **7.** During sexual reproduction male and female reproductive cells join in a process known as what?  **8.** The likelyhood a particular event will occur  **10.** phenotypes produced by both alleles are clearly expressed  **11.** The egg after it is fertilized  **12.** The offspring of crosses between parents with different traits are called what?  **14.** A cell that contains both sets of homologous chromosomes is said to be?  **15.** genetical traits |