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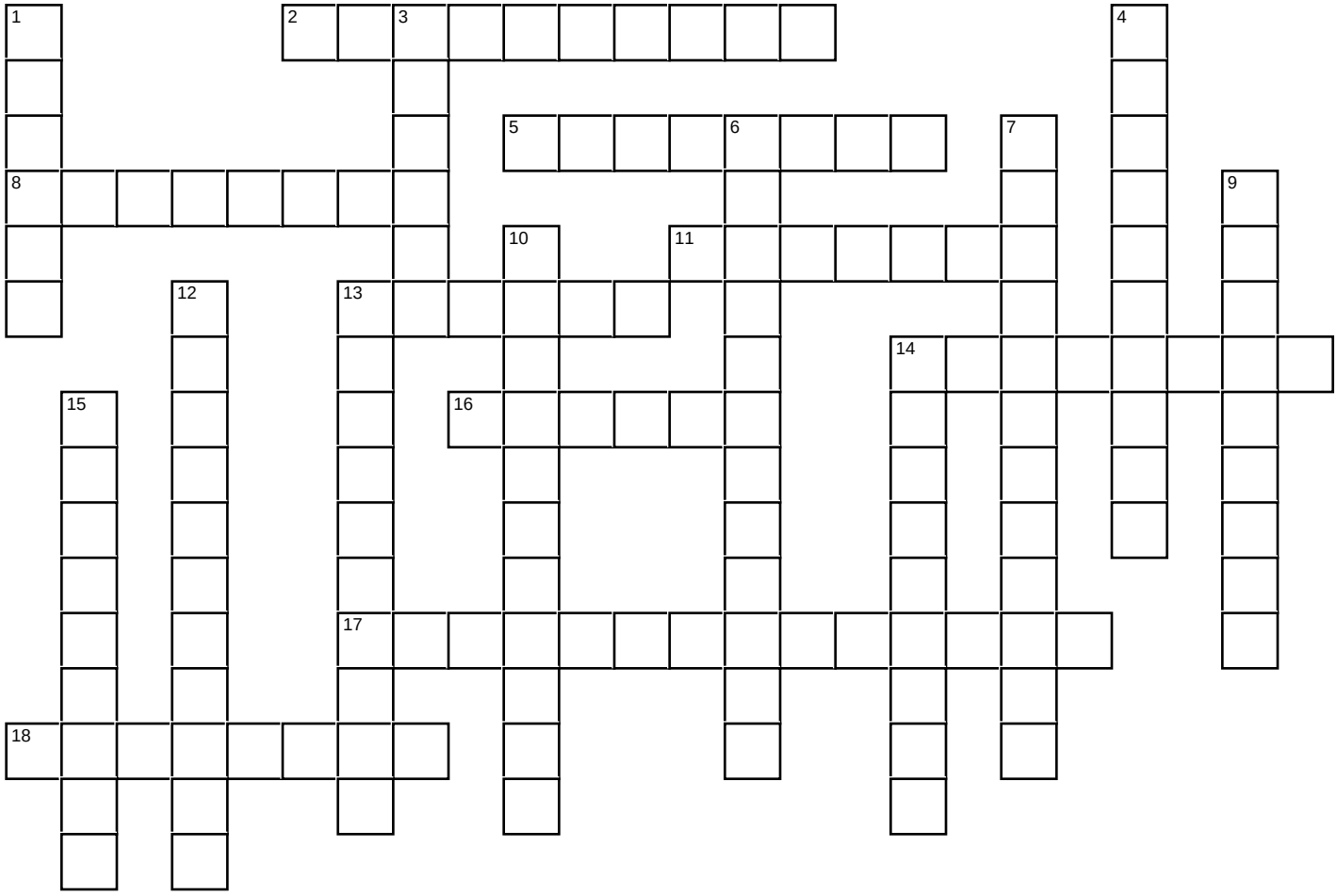
Complete the following "Mendelian trihybrid cross diagram.
Fill in the missing information for the F_1 & F_2 generations.
Include phenotypes, genotypes, ratios and a completed punnett square.

	Phenotype	Genotype
Generation P_1	Round Seed, Green Seed, Green Pod	RR, gg, YY
	Wrinkled Seed, Yellow Seed, Yellow Pod	rr, GG, yy
Generation F_1		
Generation F_2		
F_2 Punnett Sq.		
F_2 Ratios		

Inheritance Vocabulary

Name: _____ Period(s): _____ Date: _____



Across

2. Having identical alleles.
5. The term for the genetic factors that were unseen.
8. A double set of differing alleles.
11. A _____ square is used to describe the distribution of a hybrid cross.
13. Alternative versions of a gene.
14. An organism expressing recessive alleles can be consided...
16. Brother...
17. Mathematically, probability uses a process of ...
18. A trait the expresses itself over another version. One of Mendel's laws.

Down

1. Inheritance was found to reveal a _____ distribution.
3. The honorable Abbot...
4. A single pair of differing alleles
6. An organism expressing recessive alleles can be consided...
7. Having differing alleles.
9. Often a nonfunctioning gene, this causes a fabled generation skip.
10. The explanation for the separation of two alleles. One of Mendel's laws.
12. Mendel used _____ to describe inheritance.
13. An independent explanation for the separation of differing traits. One of Mendel's laws.
14. The term for the genetic factors that were seen as traits.
15. A technique the uses a recessive expression in a cross to find a hidden recessive allele.