

Name \_\_\_\_\_ Class \_\_\_\_ Date \_\_\_\_\_

**Incomplete Dominance Practice 1**

(1-21) When a red radish plant is crossed with a white radish plant, purple radishes result.  
(Use the letters r & w)

- \_\_\_\_\_ 1. Give the genotype of a white radish.
- \_\_\_\_\_ 2. Give the genotype of a red radish.
- \_\_\_\_\_ 3. Give the genotype of a purple radish.
- \_\_\_\_\_ 4. What are the possible genes found in the gametes of red radishes?
- \_\_\_\_\_ 5. What are the possible genes found in the gametes of white radishes?
- \_\_\_\_\_ 6. What are the possible genes found in the gametes of purple radishes?

If the pollen from a red radish fertilizes the ova of a white radish, what will be the genotypes, genotypic ratios, phenotypes, and phenotypic ratios of the offspring?

	<b>genotypic ratio</b>	<b>genotype</b>	<b>phenotypic ratio</b>	<b>phenotype</b>
7.	_____	_____	_____	_____
8.	_____	_____	_____	_____
9.	_____	_____	_____	_____

If the pollen from a red radish flower fertilizes the ova of another flower on the same plant, what will be the genotypes, genotypic ratios, phenotypes, and phenotypic ratios of the offspring?

	<b>genotypic ratio</b>	<b>genotype</b>	<b>phenotypic ratio</b>	<b>phenotype</b>
10.	_____	_____	_____	_____
11.	_____	_____	_____	_____
12.	_____	_____	_____	_____

If two purple radishes are cross-pollinated, what are the genotypes, genotypic ratios, phenotypes, and phenotypic ratios of the F<sub>1</sub>?

	<b>genotypic ratio</b>	<b>genotype</b>	<b>phenotypic ratio</b>	<b>phenotype</b>
13.	_____	_____	_____	_____
14.	_____	_____	_____	_____
15.	_____	_____	_____	_____

If a red radish and a purple radish are cross-pollinated, what will be the genotypes, genotypic ratios, phenotypes, and phenotypic ratios of the F<sub>1</sub>?

	<b>genotypic ratio</b>	<b>genotype</b>	<b>phenotypic ratio</b>	<b>phenotype</b>
16.	_____	_____	_____	_____
17.	_____	_____	_____	_____
18.	_____	_____	_____	_____

If a white radish and a purple radish are cross-pollinated, what will be genotypes, genotypic ratios, phenotypes, and phenotypic ratios of the offspring?

	<b>genotypic ratio</b>	<b>genotype</b>	<b>phenotypic ratio</b>	<b>phenotype</b>
19.	_____	_____	_____	_____
20.	_____	_____	_____	_____
21.	_____	_____	_____	_____