

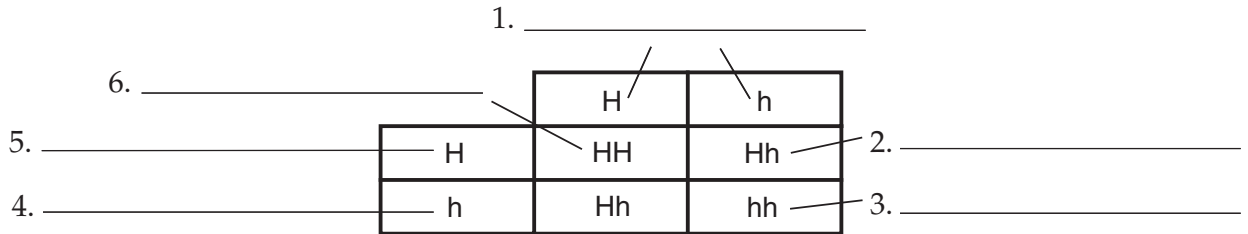
Chapter 11 Introduction to Genetics

Vocabulary Review

Labeling Diagrams Use the words listed below to label the Punnett square. Some words may be used twice.

heterozygous parent
dominant allele
recessive allele

homozygous offspring
heterozygous offspring



Matching In the space provided, write the letter of the definition that best matches each term.

- | | |
|----------------------------|----------------------------------------------------------|
| _____ 7. phenotype | a. likelihood that something will happen |
| _____ 8. gamete | b. shows the relative locations of genes on a chromosome |
| _____ 9. genetics | c. physical characteristics of an organism |
| _____ 10. probability | d. containing one set of chromosomes |
| _____ 11. haploid | e. sex cell |
| _____ 12. gene map | f. chemical factor that determines traits |
| _____ 13. gene | g. specific characteristic |
| _____ 14. multiple alleles | h. scientific study of heredity |
| _____ 15. trait | i. gene with more than two alleles |

Completion Fill in the blanks with terms from Chapter 11.

16. The process in which two genes segregate independently is called _____.
17. Plants that, if left to self-pollinate, produce offspring identical to themselves are called _____.
18. The offspring of crosses between parents with different traits are called _____.
19. The process during sexual reproduction in which male and female sex cells join is called _____.
20. The process of reduction division in which the number of chromosomes per cell is cut in half is called _____.