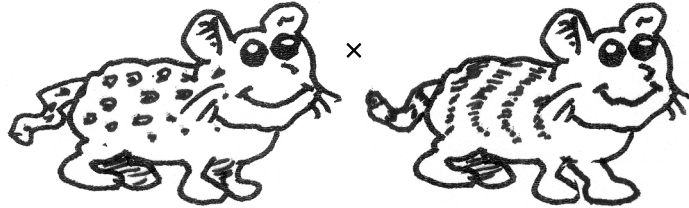


Conceptual Biology

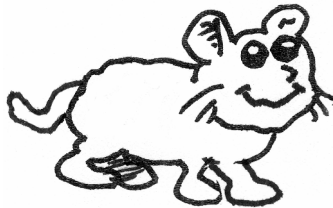
Chapter 6: Inheritance Inheritance Patterns

1. Suppose you breed two woodland creatures together. One individual has genotype aa, and the other has genotype AA. Draw the cross below:



Genotype is [aa] [AA] [aa] [AA].
 Phenotype is [spotted] [striped] [spotted] [striped].

2. What are the progeny like?



Genotype is [aa] [AA] [Aa] and phenotype is [spotted] [striped].

Fill in the table below:

3. Now you breed two of the progeny from Question 2 together. What will their offspring look like?

		Allele received from father	
		A	a
Allele received from mother	A	Genotype: Phenotype:	Genotype: Phenotype:
	a	Genotype: Phenotype:	Genotype: Phenotype:

So, the offspring include woodland creatures that are

[spotted] [striped] [both spotted and striped].

The offspring are found in a ratio of _____ striped: _____ spotted.