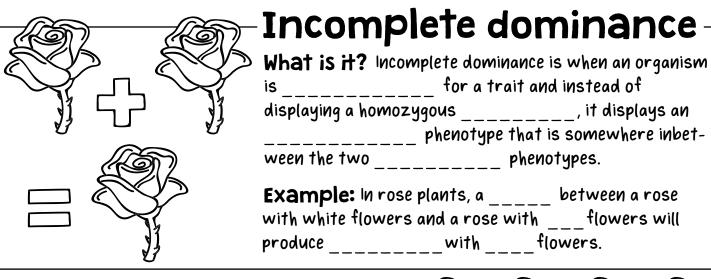
-Non-Mendelian-BInheritance

Codominance	
What is it? codominance is when two are present and they are both simultaneously, i.e. neither one fully determines the of the organism.	
Example: In some varieties of, the allele for feathers is with the allele for white feathers. If a chicken has both, it displays both black and white feathers, which is also known as	



0			
Multiple alleles		$\overline{)}$	$\overline{\bigcirc}$
What is it? This is when there are alleles for a in a populat	than	$\begin{cases} 1 & \text{if } 0 \\ 1 & \text{if } 0 \end{cases}$	
Example: The gene for coat color is comes in four: black/bro Himalayan and albino. In humans, has alleles: _, _ and	wn, chinchilla,		

—Pleiotropy ———	
What is it? Pleitropy is when one multiple	_ affects
Example: Marfan syndrome is caused gene. It has quite a few effects traits of the: unusually tall and toes, long, lens diand problems.	on the, thin
Pc Pc	lygenic inheritance-
is control genes.	S H? Polygenic inheritance is when a
400 pair genes ca	Die: Height in humans is controlled by around s of! The interaction of so many n result in wide of the eristic within a Hair is
another	example of polygenic inheritance. In fact, most raits are believed to be
Lethal alleles	
What is it? A lethal allele is an allele that in the of an individual if it carries can occur during early point after birth. They can be Example: In mice, the allele for color is dominant over the brown coat alle also a allele. Mice that are for this allele early development. If the mouse is it lives and displays the yellow coat color, the lethal allele. Complete the Punnett Square us letter "Y" to represent the alleles.	s it. This or at some or Shade each box: Yellow fur = yellow, Brown fur = brown, & death during development = gray in their but ing the Parent 1 Genotype: in their ing the

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