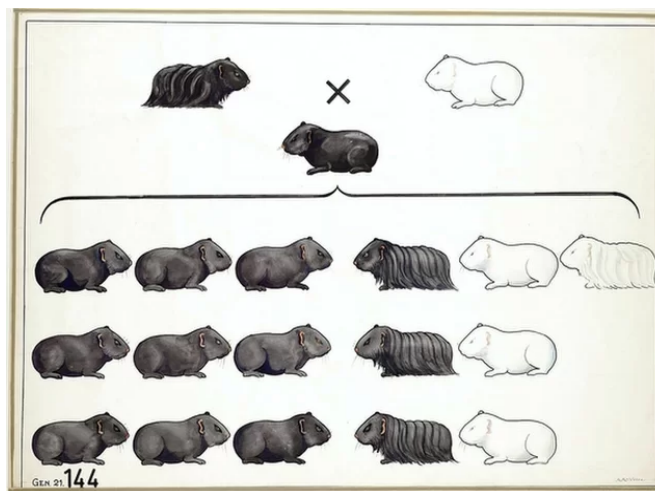




_____ Name _____ Class _____

Look at the pictures to fill in the data tables and draw conclusions about heredity. All of the pictures on this worksheet can be found in color on the 3rd Grade Science website: 3hopingscience.blogspot.com

1. Look at the chart of guinea pigs. The guinea pigs have inherited traits for fur color and fur length. What are fur colors and fur lengths that the baby guinea pigs inherited from their parents?



1a. Identify the traits. Fill in the chart. Write one of the fur colors in the box FC1 (FC = Fur Color). Write the other color in the box FC2. Then, write one fur length in the box FL1 (FL = Fur Length). Write the other length in box FL2.

Guinea Pig Fur Traits

FC1	FC2
FL1	FL2

1b. What fur traits did the parent guinea pigs have? Write the fur color (FC) and fur length (FL) in the chart for the two parent guinea pigs.

Left Parent	Right Parent
FC	FC
FL	FL

Collection Stamp	Correction Stamp	Grade
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1c. Look at the 17 baby guinea pigs. What traits did the parent guinea pigs pass on? Write the fur traits that you identified in question 1a in the chart and then write how many of their babies had that trait.

Fur Color	How Many Babies with This Trait?	Fur Length	How Many Babies with This Trait?
FC1		FL1	
FC2		FL2	

1d. Did all of the babies look like one of the parents? (yes / no)

How many babies did not look just like either of its parents? _____

2. Look at the different kinds of rabbits. Find as many different traits as you can (at least 8 traits, but there are more).