Name _.	Date
	Snurfle Genetics and Punnett Squares
	พะท่อทร: Perform a Google search for Snurfle Meiosis (it is on the biomanbio site) or type the link bit.ly/3dzktrv. n Start New Game. Click on "Click Here to Continue." Read the introduction and click to continue again.
Comple	ete the <u>Genetics Interactive</u> -Read the information and answer the questions below.
1.	Sketch the Punnett square with the gametes and the alleles. Also fill in the boxes with the fertilized eggs (zygote).
3.	What color snurfle did the following combinations result in: GG, Gg, gg The genotype is the
4.	
5.	Dominant alleles are represented by a
	Recessive alleles are represented by a
	How many recessive alleles are needed to show a recessive trait?
8.	
9.	means an organism has 2 alleles in its genotype.
10	. Write the genotypes for the snurfle babies that are homozygous and heterozygous
•	ete the <u>Chromosome Quandary</u> -Read the information and answer the questions below.
	. Chromosomes are made of
12	. DNA is a long molecule, but during meiosis it is and
	packaged to make
13	. Draw both pictures of a chromosome. Label your pictures.
14	. How many chromosomes are pictured here?

15.	How many chromosomes are pictured here?
16.	Each cell at the end of Meiosis has the number of chromosomes
	as the cell at the start of meiosis.
Comple	te the <u>The Meiosis and Genetics Quiz</u> -Answer the questions by writing out the answers
17.	Which phase occurs before meiosis?
18.	Which of the following take place during interphase?
19.	What is true about the cell pictured below and how do you know?
20.	Meiosis I and Meiosis II both have the same order for their phases. Which of the following is the correct order?
21.	What important events take place during prophase I?
22.	Why do organisms do meiosis?
23.	The diagram to the right summarized Meiosis I. Which of the following statements is true?
24.	Which phase of Meiosis is shown to the right?
25.	Which phase of Meiosis is shown to the right?
26.	Which phase of Meiosis is shown to the right?
27.	Which phase of Meiosis is shown to the right?
28.	The division of the cytoplasm as shown to the right is called
29.	What is shown to the right?
30.	What is shown to the right?
31.	What is shown to the right?
32.	What is shown to the right?
33.	What would be the genotype and phenotype of the baby produced by the following fertilization event?
34.	What percent of the offspring in the Punnett square and heterozygous?
35.	What percent of the offspring in the Punnett square and homozygous recessive?
36.	The end result of meiosis is