

Make your own worksheet- create your own Punnett square.

A. You get to use your imagination, and prove to me that you know how to construct a Punnett square, as well as use the vocabulary correctly. Work in the same pair as the two-penny coin toss. You will create one large worksheet on white butcher paper for the two of you. Make sure your names are on the paper

B. Create your own Punnett square situation. Make up a fictional character, or pick a real animal. Example: "Purple spots are dominant for Androlians from the planet Xenomorph, while yellow spots are recessive". OR, "short fur is dominant for Siamese cats, while long fur is recessive". **MAKE IT UP, BUT YOU MUST CROSS A HETEROZYGOUS DOMINANT INDIVIDUAL WITH A HOMOZYGOUS RESSESIVE. USE THE FOLLOWING (and see my example)**

1. Explain what trait is dominant, what trait is recessive
2. Write the information
3. Draw a Punnett square that will predict genotypes and phenotypes
4. Give all the possible genotypes, all the possible phenotypes. State the percentages of each

1	2
<p>Example: "For Androlians from Xenomorph, puple spots are dominant, while yellow spots are recessive</p> <p><u>Include an illustration</u></p>	<p>Write the information that you know. A heterozygous dominant male mates with a homozygous recessive female. Include the proper nomenclature EX: Purple Spots = P Yellow Spots = p Heterozygous male = P/p homozygous female = p/p</p>
3	4
<p>Draw a Punnett Square, using correct nomenclature (lettering).</p>	<p>Predict the phenotype and genotype ratios off all offspring</p>

C. As a separate part of your worksheet, include the 8-10 terms that you think are most important for this unit: Give definitions.

D. Write one test question

SEMI-FABULOUS PRIZES WILL BE GIVEN TO THE MOST CREATIVE AND ARTISTIC. ALL DECISIONS OF THE JUDGES (ME) ARE FINAL. IN ORDER TO WIN, IT MUST BE FINISHED, ORIGINAL, AND IT MUST BE RIGHT!