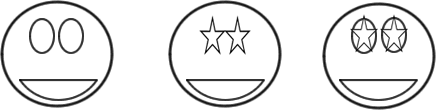
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Codominance and Incomplete Dominance

1.  Practice setting up keys for the phenotypes listed in each set. Remember that the “medium” trait must always be heterozygous.
   1. Birds can be blue, white, or white with blue-tipped feathers
      1. Blue=
      2. White =
      3. Blue- Tipped
   2. Flowers can be white, pink or red
      1. White=
      2. Pink=
      3. Red=
   3. A Hoo can have curly hair, spiked hair or a mix of both curly and spiked hair
      1. Curly =
      2. Spiked =
      3. Both Curly and Spiked=
   4. A Sneech can be tall, medium or short
      1. Tall=
      2. Medium=
      3. Short=
   5. A Bleexo can be spotted, black or white
      1. Spotted=
      2. Black=
      3. White=
2. Now, can you figure out in the above list, which letters represent codominant traits and which are incomplete?
   1. Codominant traits are **both expressed/ blend together** (circle one).
   2. Incompletely dominant traits are **both expressed/ blend together** (circle one).
3. In Smileys, eye shape can be starred, circular, or a circle with a star. Write genotypes for the pictured phenotypes.



Circle Eyes = \_\_\_\_\_\_\_\_\_\_ Star Eyes = \_\_\_\_\_\_\_\_\_\_ Circle with a Star= \_\_\_\_\_\_\_\_

1. Show the cross between a star-eyed and a circle eyed face.

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| --- | --- |
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|  |  |

* 1. What are the phenotypes of the offspring? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  2. What are the genotypes? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Show the cross between a circle-star eyed and a circle eyed.

|  |  |
| --- | --- |
|  |  |
|  |  |

* 1. How many of the offspring are circle-eyed? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  2. How many of the offspring are circle-star eyed? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Show the cross between two circle-star eyed

|  |  |
| --- | --- |
|  |  |
|  |  |

* 1. How many of the offspring are circle-eyed? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  2. How many of the offspring are circle-star eyed? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  3. How many are star eyed? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_