

# Marshmallow Alien's Name: \_\_\_\_\_

- **FIRST:** Pick two parents (Mr. Brown will explain this)
- **SECOND:** Write down the parents genetic information on the outside of the Punnet Squares below.  
*Mother's information goes on top and fathers goes on the side.*

**right front  
foot color**


**right front  
foot color**


**right back  
foot color**


**left back  
foot color**


**# of eyes**


**leg color**


**nose color**


- **THIRD:** Fill in the Punnet Squares above to find the likelihood of an offspring with the given trait.
- **FOURTH:** Randomly select which offspring you will get for each trait (1, 2, 3, or 4). Mr. Brown will help you with this.  
Write your offspring's *genome* below.

Right front foot color: \_\_\_\_\_ Left front foot color: \_\_\_\_\_ Right back foot color: \_\_\_\_\_ Left back foot color: \_\_\_\_\_

# of eyes: \_\_\_\_\_ leg color: \_\_\_\_\_ nose color: \_\_\_\_\_

- **FIFTH:** Build your alien.