**Making Aliens: Math Extension**



**Recessive Traits**

**Directions**: Each of the traits below are recessive.

1. Predict how many students in the class will have a creature with an oval head:\_\_\_\_\_
2. Using the class data, complete the chart below.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Number as fraction | Number as decimal | Number as percent |
| Oval head shape |  |  |  |
| Star eye shape |  |  |  |
| Orange eye color |  |  |  |
| Three eyes |  |  |  |
| Two nose slits |  |  |  |
| Short height |  |  |  |
| Five legs |  |  |  |
| Four arms |  |  |  |
| Green skin |  |  |  |
| Hairless |  |  |  |
| Yellow hair |  |  |  |
| Narrow shape |  |  |  |
| Seven fingers |  |  |  |



1. What is the mean percent of recessive traits?\_\_\_\_\_\_\_\_\_
2. What is the median percent of recessive traits?\_\_\_\_\_\_\_
3. What is the range in percent of recessive traits?\_\_\_\_\_\_\_