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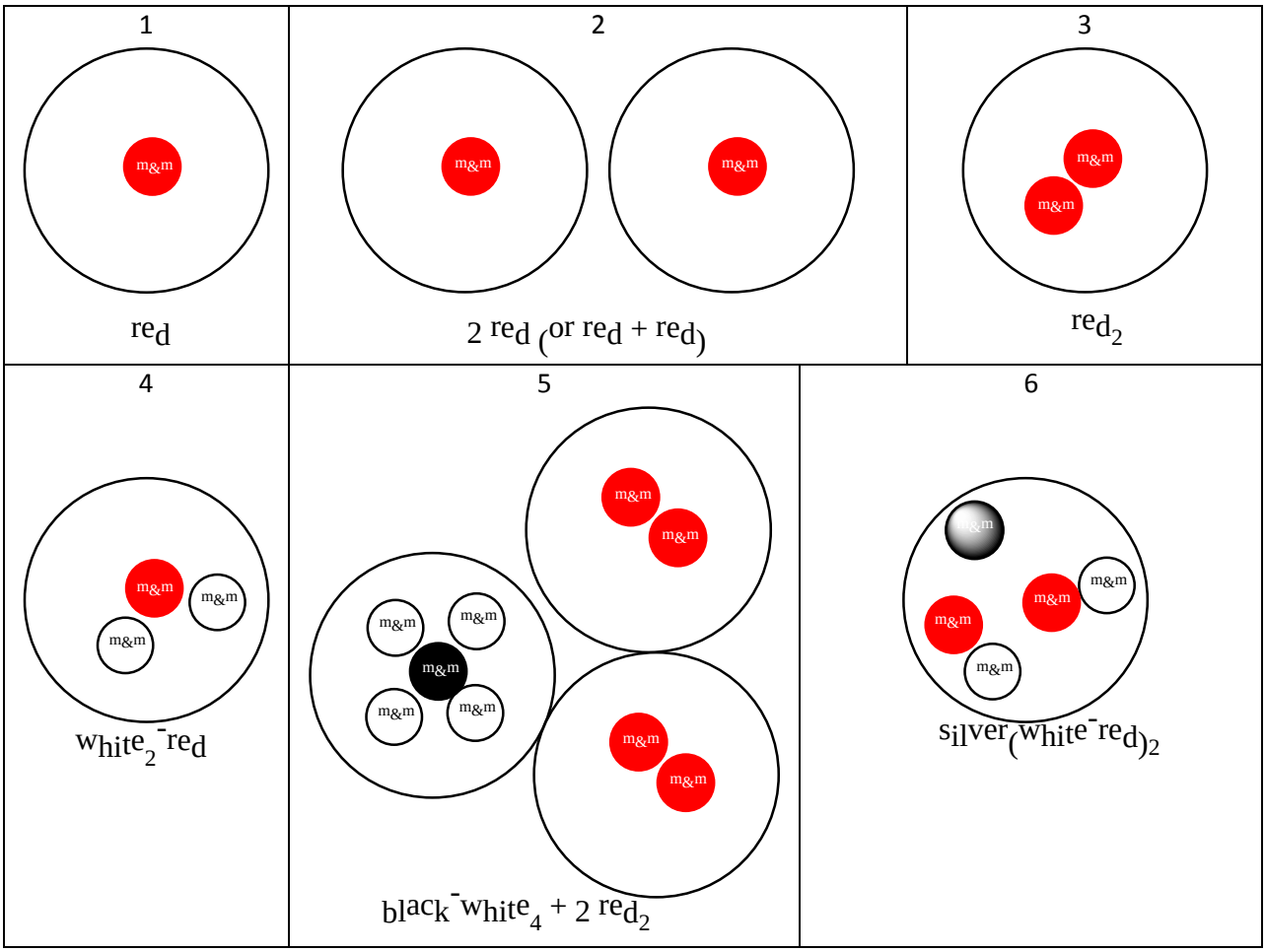
m&m language worksheet Name: _____

Below are shown a variety of arrangements of m&ms within plastic cups (hollow circles). The rules for the language for expressing how these m&ms are arranged are listed below:

1) the m&ms are named by their color (example 1)
2) the number that is used as a coefficient in front of the m&m color designates the number of different cups present. This is equivalent to addition (example 2)
3) a number that is used as a subscript after the name of the m&m denotes how many of that color exist in a given cup (example 3)



1. Verify that examples 4-6 follow the language rules listed above. What do the parentheses in example 6 seem to indicate?

2. Construct the following m&m arrangement expressed by the m&m language: silver(blue-red$_3$)$_2$