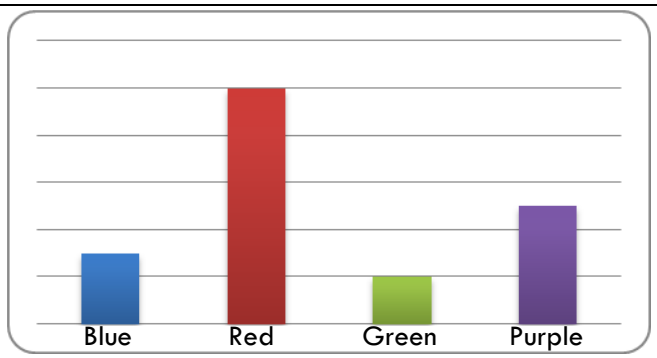
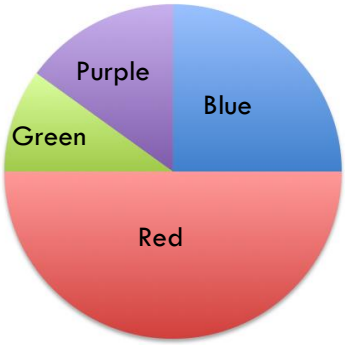
Name _____ Date _____

Theoretical and Experimental Probability

Elaborate – Answer Key



Color	Value
Blue	30
Red	100
Green	20
Purple	50



Color	Value
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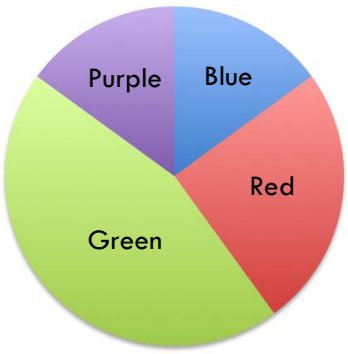
Red	100
Green	20
Purple	30



Color	Value
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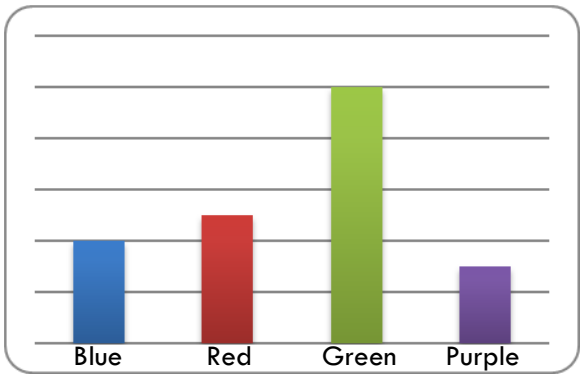
Red	50
Green	90
Purple	30



Color	Value
Blue	40
Red	50
Green	100
Purple	30

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Name_____Date_____

Debriefing Questions:

1. How did you decide which circle graphs matched which tables?
   Look for benchmark circle parts, such as half-circles or quarter-circles, and see which table shows that color having that fraction of the total value.

2. How did you decide which bar graphs matched which tables?
   Look for which bar has the highest value, and match that with the color in the table that contains that highest value. Also, we have to be sure that the heights of the other bars match the proportion of the total values contained in the table.

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