Warm Up
Activity 5.2
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Should Marijuana be Legal?
The small town of Wheelervile has a population of 100 people. Each person in the town is surveyed on whether or not they approve of the legalization of marijuana. 60% of the town says they approve.

Each circle represents a town's person. A white circle is a person who approves and a blue circle is a person who disapproves.

You will find a sample of 10 people using the table of random digits. Calculate the percentage of your sample who approves of legalization. Repeat this until you have 8 total samples of 10.

A: APPROVE
D: DISAPPROVE

USE LINE 153

EXAMPLE – Line 101

<table>
<thead>
<tr>
<th>19</th>
<th>22</th>
<th>39</th>
<th>50</th>
<th>34</th>
<th>05</th>
<th>78</th>
<th>62</th>
<th>87</th>
<th>13</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>D</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>D</td>
<td>A</td>
<td>A</td>
<td>A</td>
</tr>
</tbody>
</table>

SAMPLE 1

%:

SAMPLE 2

%:

SAMPLE 3

%:

SAMPLE 4

%:

SAMPLE 5

%:
Each circle represents a town's person. A white circle is a person who approves and a blue circle is a person who disapproves.

SAMPLE 6 %: __________

SAMPLE 7 %: __________

SAMPLE 8 %: __________

Using the data from Activity 5.2, fill in the blanks below.

1\(^{st}\) Sample percent: 
2\(^{nd}\) Sample percent: 
3\(^{rd}\) Sample percent: 
4\(^{th}\) Sample percent: 
5\(^{th}\) Sample percent: 
6\(^{th}\) Sample percent 
7\(^{th}\) Sample percent 
8\(^{th}\) Sample percent 

Population percent: 60%

Avg. Sample Percent: __________

What do you notice about the "Population %" and the "AVG Sample %"?