

What am I learning today?

Warm Up

Activity 5.2

PAGE 220

Should Marijuana be Legal?

The small town of Wheelerville 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 towns 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

$$\%: \frac{7 \text{ APPROVE}}{10 \text{ TOTAL}} * 100 = 70\%$$

19	22	39	50	34	05	78	62	87	13
D	D	A	A	A	A	D	A	A	A

SAMPLE 1

%: _____

SAMPLE 2

%: _____

SAMPLE 3

%: _____

SAMPLE 4

%: _____

SAMPLE 5

%: _____

USE LINE 153

Each circle represents a towns 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.

1st Sample percent:

Population percent: 60%

2nd Sample percent:

3rd Sample percent:

4th Sample percent:

5th Sample percent:

6th Sample percent

7th Sample percent

8th Sample percent

Avg. Sample Percent: _____

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