6 unknown Mean M gample size

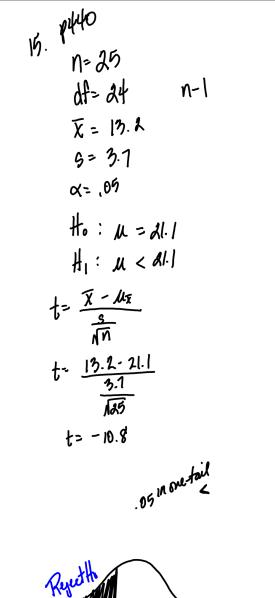
X sample mean

Mx population mean from sample

Means Statistics\_8pt5\_April\_09\_2013.gwb - 2/4 - Tue Apr 09 2013 11:07:23

6 known or unknown normally distributed n > 30

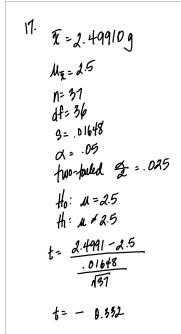
6. Newher 8. Normal



Rywith 1.7111

The sample data support the claim that filtered cigarettes have a mean tar amount less than 21.1 mg. The filters are effective.

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Toul to Repect 40.

There is not sufficient evidence to warrant rejection of the claim that pennies have a mean weight of 2.5. The pennies meet the specifications of the U.S. Mint.

p-value calculator

Shat Tests

2 T-fast

> Stats Enter values

Calculate

p-Value Test against o