

Define the following terms:

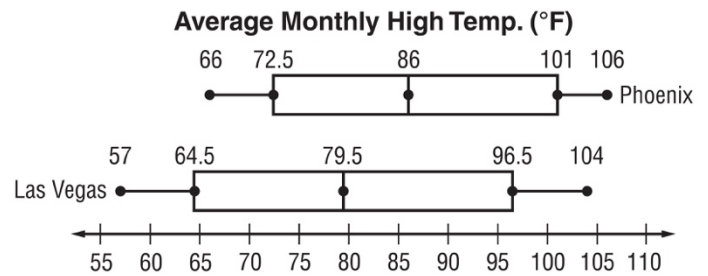
1) Population:

2) Sample:

3) Random Sample:

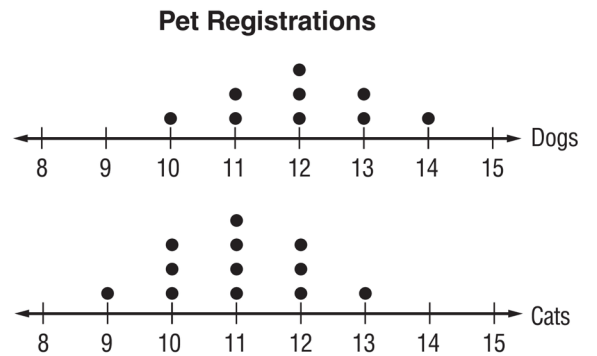
4) Representative Sample

9) The double box plot shows the average monthly high temperatures for Phoenix, Arizona, and Las Vegas, Nevada.



<p>Find the median and IQR of both box plots</p> <p>Phoenix: Median</p> <p>Phoenix: IQR</p> <p>Las Vegas: Median</p> <p>Las Vegas: IQR</p>	<p>What can you determine from the data about the average monthly high temperatures of Phoenix and Las Vegas?</p>
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10) The double dot plot shows the number of city pet registrations for several days.



<p>Find the mean and MAD from both data sets:</p> <p>Dogs: Mean</p> <p>Dogs: MAD</p> <p>Cats: Mean</p> <p>Cats: MAD</p>	<p>In general, which type of pet has the greater number of registrations? Explain.</p> <p>Which pet registrations vary the most? How do you know?</p>
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11) Create a dot plot that could represent the box plot shown below.

