Here's how you can find the median number in a set of numbers.

Step 1: Place the numbers in order from least to greatest.
Step 2: Find the number in the middle. This number is the median.
Step 3: If there are two middle numbers, find the mean of the two numbers.

Find the median of these numbers: 22, 23, 16, 12, 12, 25

Step 1: Put the numbers in order, from least to greatest. 12, 12, 16, 22, 23, 25
Step 2: Find the number(s) in the middle. 12, 12, 16, 22, 23, 25
Step 3: Find the mean of the middle numbers. \((16 + 22) \div 2 = 19\)

Find the medians.
Show your work and write your answer on the line.

a. 8, 2, 3, 9, 3, 7, 3, 2, 7, 9

b. 6,266  6,626  6,622  6,226
   6,662  6,222  7,466

median: ___________  median: ___________

e. There are four houses for sale on Spring Street. Their prices are listed on the table below. Find the median price of the houses.

<table>
<thead>
<tr>
<th>Address</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>411 Spring St.</td>
<td>$173,500</td>
</tr>
<tr>
<td>467 Spring St.</td>
<td>$165,200</td>
</tr>
<tr>
<td>987 Spring St.</td>
<td>$167,500</td>
</tr>
<tr>
<td>1322 Spring St.</td>
<td>$145,000</td>
</tr>
</tbody>
</table>

median price: _________________
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Find the median of these numbers: 22, 23, 16, 12, 12, 25
Step 1: Put the numbers in order, from least to greatest. 12, 12, 16, 22, 23, 25
Step 2: Find the number(s) in the middle. 12, 12, 16, 22, 23, 25
Step 3: Find the mean of the middle numbers.
\[
\left(\frac{16 + 22}{2}\right) = 19
\]

Find the medians.
Show your work and write your answer on the line.

a. 8, 2, 3, 9, 3, 7, 3, 2, 7, 9
Step 1: 2, 2, 3, 3, 3, 7, 7, 8, 9, 9
Step 2: 5

b. 6, 266, 6, 626, 6, 622, 6, 226, 6, 622, 6, 626, 6, 662, 6, 222, 7, 466
Step 1: 6, 222, 6, 226, 6, 266, 6, 622, 6, 626, 6, 662
Step 2: 6, 622

(c. 4.03, 3.4, 3.5, 3.4, 3.6, 4.03, 3.05, 3.04
Step 1: 3.04, 3.05, 3.06, 3.4, 3.6, 3.6, 4.03, 4.03
Step 2: 3.5

d. 94, 568, 85, 890, 98, 290, 81, 223, 81, 890, 94, 568, 98, 290
Step 1: 81, 890, 94, 568, 98, 290
Step 2: 90, 229

There are four houses for sale on Spring Street. Their prices are listed on the table below. Find the median price of the houses.

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median price: $166,350

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