

## Stem & Leaf Graph

A Stem and Leaf Plot is a special table, bar graph, where each data value is split into a "stem" (the first digit or digits) and a "leaf" (usually the last digit).

Key:     7|2 = 72

**Example**     Use the following test scores to construct a stem and leaf plot.

82, 97, 70, 72, 83, 75, 76, 84, 76, 88, 80, 81, 81, 82

**Find the median and mode.**

**Example**    **The weights of 25 members of a fitness club are provided below in the chart, what percent of the members weigh less than 155 lbs.?**

**What are the weights of the members weighing greater than 180?**

<b>12</b>	<b>0,2</b>
<b>13</b>	<b>1,3,3</b>
<b>14</b>	<b>2,4,5,8</b>
<b>15</b>	<b>0,1,4,7,7,9</b>
<b>16</b>	<b>2,8,8</b>
<b>17</b>	<b>1,8,9</b>
<b>18</b>	<b>0,0,4</b>
<b>19</b>	<b>5</b>

## Example

0	4 5 9
1	2 2 2 7
2	1 3 3 4
3	0 1 1 1

Key: 1|2 = 12

What is the median of the data shown in the stem-and-leaf plot above?