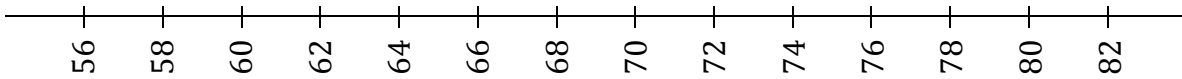


Heights of 25 Students in a Statistics Class

56, 60, 62, 62, 62, 63, 63, 63, 64, 64, 64, 64, 65, 65, 65, 65, 66, 67, 67, 69, 70, 71, 73, 77, 80

1. Place a dot for each of these data values above the number line below. Create a box and whisker plot so that the data value points lie inside or on the box plot. Denote the mean, median, and mode on the box plot in different colors.



2. Complete the table

<p style="text-align: center;">Mean</p> $\bar{X} = \frac{x_1 + x_2 + x_3 + \dots + x_n}{n}$	
<p style="text-align: center;">Median                      (middle number of a chronologically ordered list)</p>	
<p style="text-align: center;">Mode                      (most frequently occurring data value in a list)</p>	