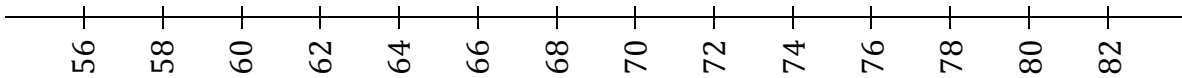


Heights of 25 Students in a Statistics Class

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 on the number line below. Create a box and whisker plot above the number line.



Formulas: I.  $p = \frac{x + 0.5y}{n} \cdot 100$

II.  $i = \frac{k(n+1)}{100}$

Complete the table:

Data value	Percentile
	15 <sup>th</sup> percentile
64	
	70 <sup>th</sup> percentile
77	