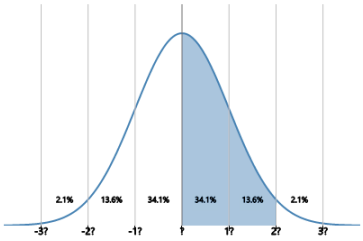
Name

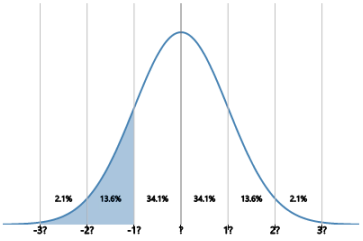
Statistics - Standard Deviation - Labelled Curve to Percent in Two Sections

1 What percentage of the data lies between the mean and 2 standard deviations above the mean (+2σ) in this normal curve?



A	B	C
47.7%	81.8%	52.3%
D		
13.6%		

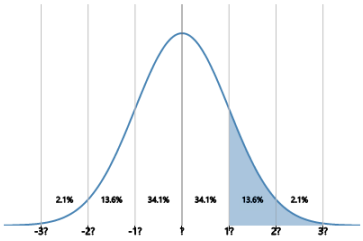
2



What percentage of the data lies between 3 standard deviations below the mean (-3σ) and 1 standard deviation below the mean (-1σ) in this normal curve?

A	B
13.6%	15.7%

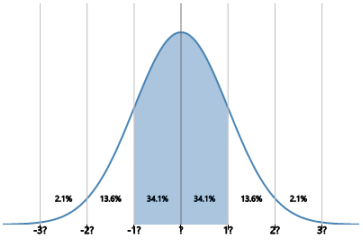
3



What percentage of the data lies between 1 standard deviation above the mean (+1σ) and 3 standard deviations above the mean (+3σ) in this normal curve?

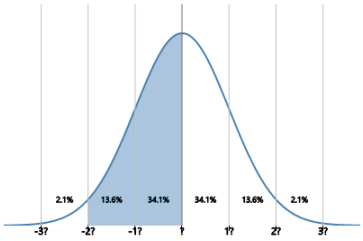
A	B
84.3%	15.7%

4 What percentage of the data lies between 1 standard deviation below the mean (-1σ) and 1 standard deviation above the mean (+1σ) in this normal curve?



A	B	C
81.8%	31.8%	34.1%
D		
68.2%		

5 What percentage of the data lies between 2 standard deviations below the mean (-2σ) and the mean in this normal curve?



A	B	C
52.3%	49.8%	47.7%
D		
34.1%		