



Statistics - Standard Deviation - Sigma Description to Percent in One Section

1 What percentage of the data lies between -3σ and -2σ in a normal distribution? -3σ to -2σ	A	B	C	2 What percentage of the data lies between the mean and $+1\sigma$ in a normal distribution? mean to $+1\sigma$	A	B	C
	2.1%	2.3%	15.7%		D	68.2%	34.1%
	D				D		
	97.9%				47.7%		
3 What percentage of the data lies between -1σ and the mean in a normal distribution? -1σ to mean	A	B	C	4 What percentage of the data lies between $+1\sigma$ and $+2\sigma$ in a normal distribution? $+1\sigma$ to $+2\sigma$	A	B	C
	34.1%	68.2%	65.9%		D	15.7%	47.7%
	D				D		
	47.7%				86.4%		
5 What percentage of the data lies between $+2\sigma$ and $+3\sigma$ in a normal distribution? $+2\sigma$ to $+3\sigma$	A	B	C	6 What percentage of the data lies between -2σ and -1σ in a normal distribution? -2σ to -1σ	A	B	C
	2.1%	2.3%	15.7%		D	15.7%	13.6%
	D				D		
	97.9%				86.4%		