



## Statistics - Standard Deviation - Sigma Description to Percent Above/Below

1 What percentage of the data lies below $+1\sigma$ in a normal distribution?  below $+1\sigma$	A	B	C	2 What percentage of the data lies above $-2\sigma$ in a normal distribution?  above $-2\sigma$	A	B	C
	15.9%	83.9%	84.1%		84.1%	97.7%	2.3%
	D				D		
	50%				99.8%		
3 What percentage of the data lies above $+2\sigma$ in a normal distribution?  above $+2\sigma$	A	B	C	4 What percentage of the data lies below $-1\sigma$ in a normal distribution?  below $-1\sigma$	A	B	C
	15.9%	97.7%	2.3%		15.7%	84.1%	2.3%
	D				D		
	0.2%				15.9%		
5 What percentage of the data lies above $+1\sigma$ in a normal distribution?  above $+1\sigma$	A	B	C	6 What percentage of the data lies below $-2\sigma$ in a normal distribution?  below $-2\sigma$	A	B	C
	2.3%	15.9%	84.1%		0.2%	2.3%	97.7%
	D				D		
	50%				2.1%		
7 What percentage of the data lies below $+2\sigma$ in a normal distribution?  below $+2\sigma$	A	B	C	8 What percentage of the data lies above $-1\sigma$ in a normal distribution?  above $-1\sigma$	A	B	C
	97.5%	97.7%	84.1%		50%	15.9%	97.7%
	D				D		
	2.3%				84.1%		