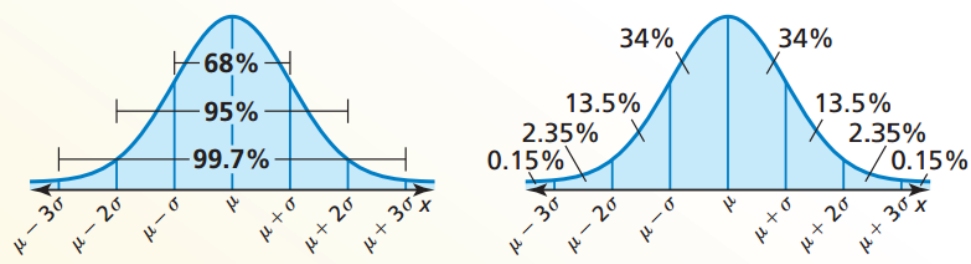
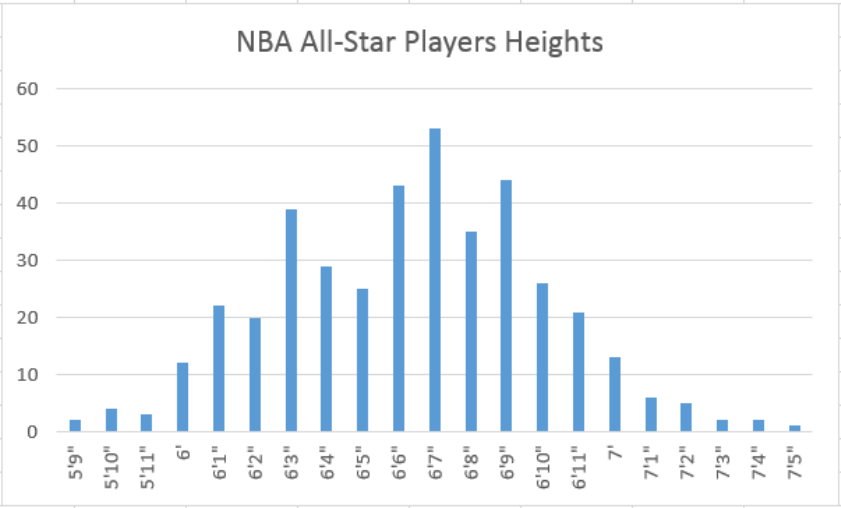
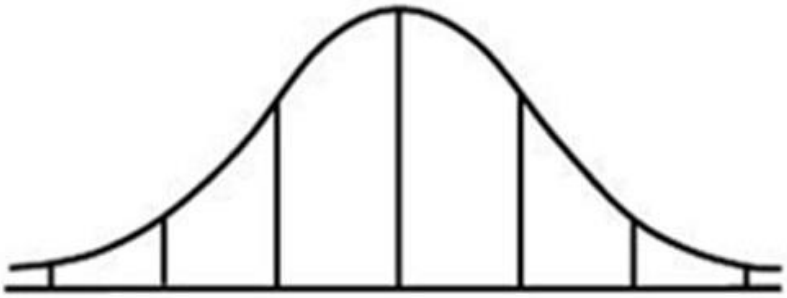
Using Normal Distributions Notes



5'9"	2	
5'10"	4	
5'11"	3	
6'	12	
6'1"	22	
6'2"	20	
6'3"	39	
6'4"	29	
6'5"	25	
6'6"	43	
6'7"	53	
6'8"	35	
6'9"	44	
6'10"	26	
6'11"	21	
7'	13	
7'1"	6	
7'2"	5	
7'3"	2	
7'4"	2	
7'5"	1	
		http://www.nba-allstar.com/players/lists/players-by-height.htm
mean	78.34	6' 6.4"
stdev	3.65	



Use the normal distribution template below to display the data from the NBA players' heights above.



68% of the players have heights between which two numbers? _____

About what percent of the players are over 82" or 6' 9.5"? _____

What percent of the players are between 71" (5' 11") and 74.7" (6' 2.5")?_____

Find P($x \leq \mu - 2\sigma$) _____. What does this mean in real life?_____

_____