NAMEName:	DATE	
Notes The Normal Distribution		PERIOD Period:
Definition: Standard Deviation:		I camping the relates of players in a background?
A Mcasure of Spread Normal Distribution	for a	Set of data
266	100%	Mcan=M
ular face to colors is normally distributed with a	S to a separate of the separat	2,5 2,6 2, 2, 11, 0, 11, 0, 2, 0, 2, 1
	99%	
M-30 M-20 M-0	MPAN	+0 M+20 M+30
The Empirical Rule if the data is	between	and 235 cgg.s.ns
* 11-0 and 11+0 the	ere is	68% of the data
* M-20 and M+20 the		holks manufactored,
		now many hour a diagnoster bedweren 18mm and 18.4mm

NAME	DATE	
	DATE	PERIOD

Example: The heights of players in a basketball league are normally distributed with a mean of 6 feet 1 inch and a standard deviation of 2 inches.

adobted to the and burnat to of players are between 5.911 and 6'5"7

* 11-30 and 11+36 there is

EGG PRODUCTION The number of eggs laid per year by a particular breed of chicken is normally distributed with a mean of 225 and a standard deviation of 10 eggs.

What To of chickens Octuber 225 eggs and 235 Eggs mounted

MANUFACTURING The diameter of bolts produced by a manufacturing plant is normally distributed with a mean of 18 mm and a standard deviation of 0.2 mm.

if there are 300 bolts manufactured, how many have a Cliameter between 18mm and 18.4mm

