





The quality controller at a candy factory determined that the mean mass of Krispy $\mathcal{N}$ ut chocolate bars is 70 g with a standard deviation of 3 g . Assuming a normal distribution, what percent of the bars have masses between 70 g and 76 g ?

$$
\begin{array}{r}
34.0 \\
+\frac{13.5}{47.5 \%}
\end{array}
$$



If the company makes 8000 Gars per day, how many of them will be between 64 g and 70 g ?


## 8000

## $\begin{array}{r}\times 8.475 \\ \hline=3800\end{array}$

$477.5 \%$
 $\div 100$
0.475

