Some IQ tests are standardized to a Normal model, with a mean of 100 and a SD of 16.
Draw the model for these IQ scores. Clearly label it show the 68-95-99.7 Rule predicts about the scores.


In what interval would you expect the central 95\% of IQ scores to be found?
About what percent of people should have IQ scores above $116 ?$

What percent of people have IQ scores below $\mathbf{8 0}$ ?
What percent of people have IQ scores between 85 and $125 ?$


What IQ do you need to have in order to be in the 99 \%ile?


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 137.221566

Normalcdf: To find area under the curve (probability) invNorm: to find z -scores or actual x -values (original context value)

