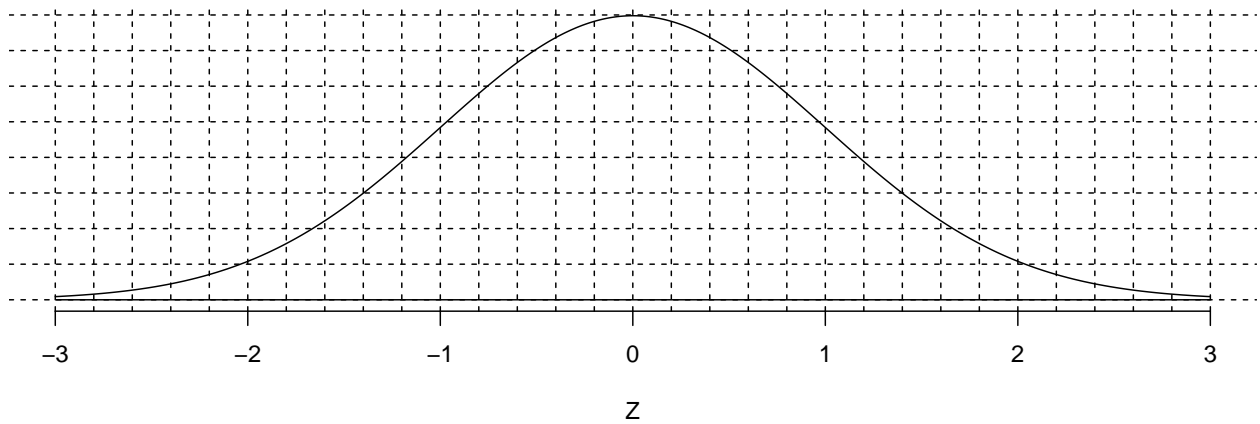


## Question

The figure below shows the standard normal density. Each grid square represents 1% of probability.



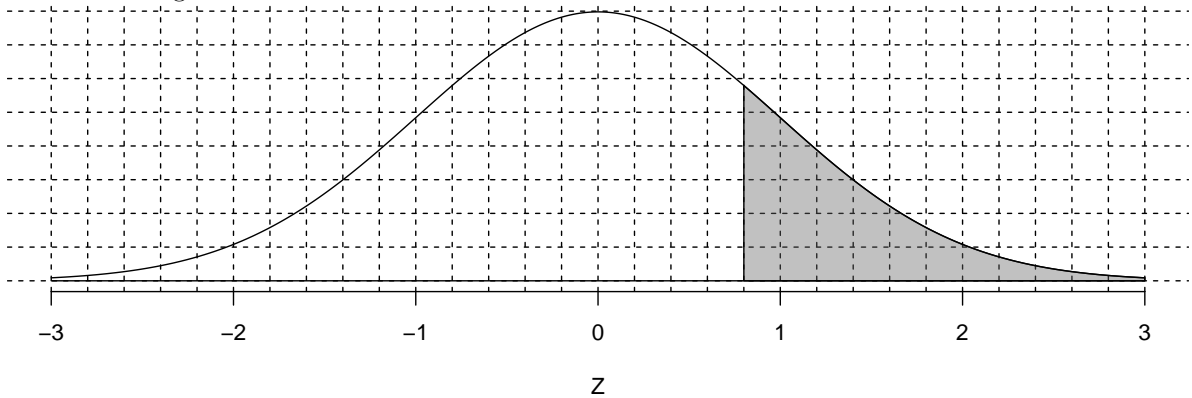
## Answerlist

- Estimate  $P(Z > 0.8)$  by shading and counting.
- Determine  $P(Z > 0.8)$  by using the  $z$ -table.

## Solution

### Answerlist

- The shaded region is shown below.



You should count about 21 squares shaded, giving a probability of about 0.21.

- The probability is 0.2119.

## Meta-information

extype: string exsolution: yo exname: marbles extol: 0.01