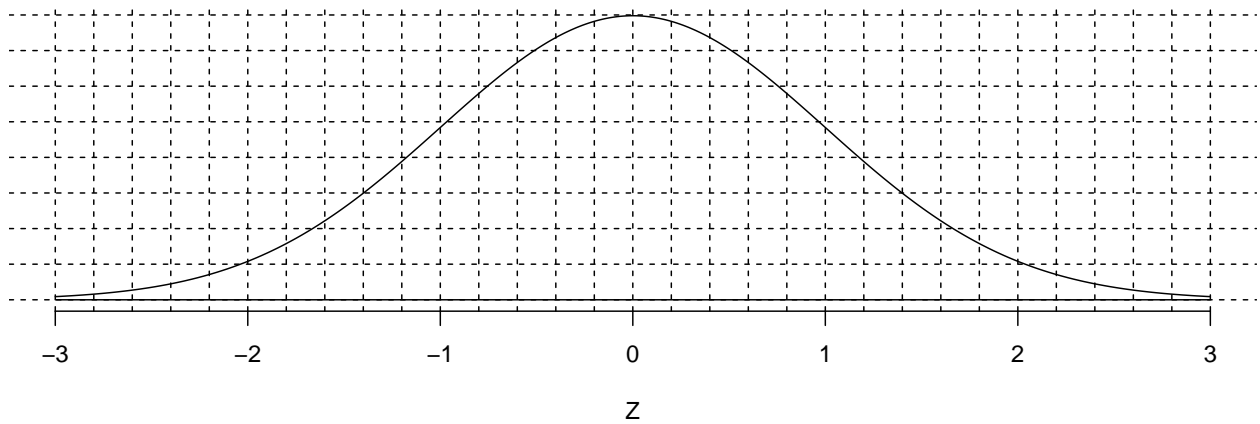


Question

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



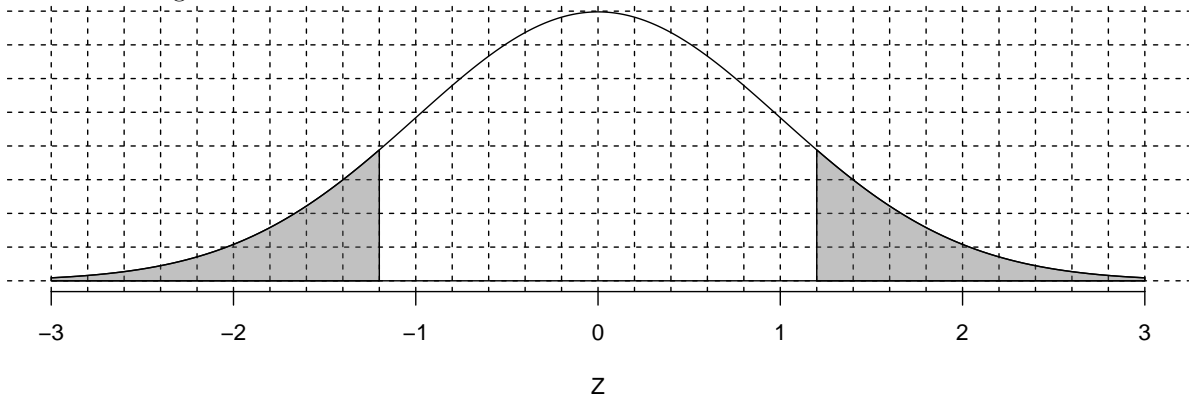
Answerlist

- Estimate $P(|Z| > 1.2)$ by shading and counting.
- Determine $P(|Z| > 1.2)$ by using the z -table.

Solution

Answerlist

- The shaded regions are shown below.



You should count about 23 squares shaded, giving a probability of about 0.23.

- The probability is 0.2301.

Meta-information

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