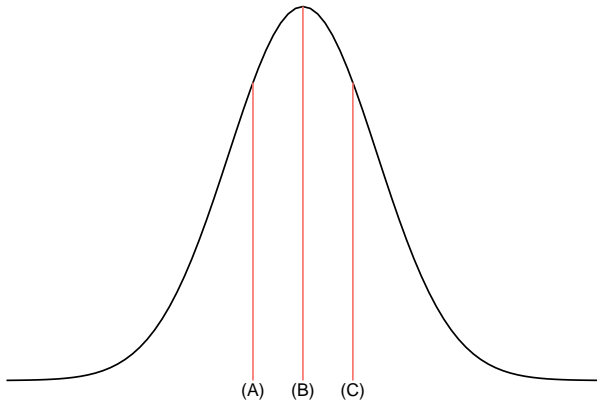


1. Which of the following pink lines might mark off the observation in a normal distribution which is at the 75th percentile?

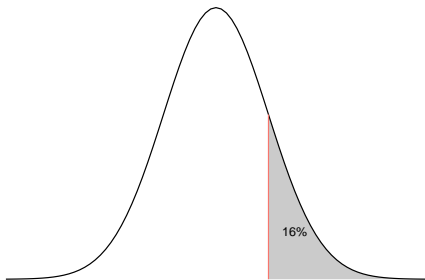


2. Which of the following R commands would you use to calculate the observation in a standard normal distribution which is at the 75th percentile?

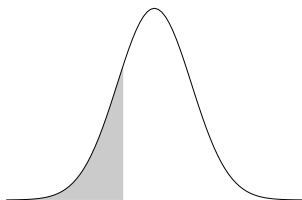
- (A) `pnorm(0.25)`
- (B) `pnorm(0.75)`
- (C) `qnorm(0.25)`
- (D) None of the above

3. Which of the following R commands would you use to calculate the x-coordinate of the pink line?

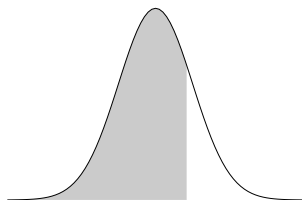
- (A) `pnorm(0.16)`
- (B) `1-pnorm(0.16)`
- (C) `qnorm(0.16)`
- (D) None of the above.



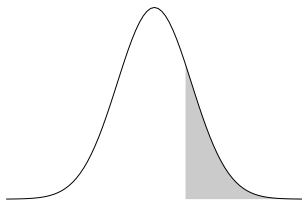
4. Which of the following shaded regions might represent the output of `1-pnorm(0.2)`?



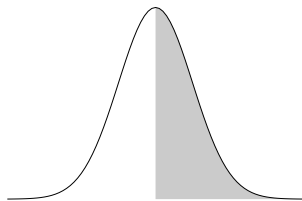
(A)



(B)



(C)



(D)

5. Which of the following red lines might mark off the observation in a normal distribution that is less than 75% of all observations?

