

**Back****Module 1 Honors**

Graded Quiz • 15 min

coursera**Due** Oct 25, 2:59 AM EDT**🎉 Congratulations! You passed!**

Grade received 100% To pass 75% or higher

Module 1 Honors

Quiz • 15 min **Go to next item****✔ Submit your assignment****Due** Oct 25, 2:59 AM EDT **Attempts** 4 every 8 hours

Module 1 Honors

Latest Submission Grade 100%
Try again**1.** Which of the following (possibly more than one) must be true if random variable X is continuous with PDF $f(x)$?**1 / 1 point****✔ Receive grade****To Pass** ☐ $X > 0$ always
75% or higher**Your grade** ☒ $\int_{-\infty}^{\infty} f(x)dx = 1$ **100%****✔ Correct****View Feedback** ☐ $\lim_{x \rightarrow \infty} f(x) = \infty$

We keep your highest score

☐ $f(x)$ is a continuous function