

## READING ASSIGNMENT

1. Read 8.9 and 10.1 from the book or watch videos 8.8, 10.1. Write down at least one question or one comment.
2. Is  $f(x) = -e^x$  a probability density function?
3. Write down a sequence which converges.
4. Write down a sequence which diverges to  $-\infty$ .
5. Write down a sequence which diverges but does not diverge to  $\infty$  or  $-\infty$ .