

- Suppose that buses go past my stop exactly 20 minutes apart. I arrive at the stop at a completely random time during the day. What is the expected length of time I will have to wait for a bus?
- Suppose now that buses go past my stop at exactly 20 minutes past the hour and forty minutes past the hour (e.g. ~8:20, 8:40, 9:20, 9:40, etc.) every hour. I arrive at the stop at a completely random time during the day. What is the expected length of time I will have to wait for a bus?

