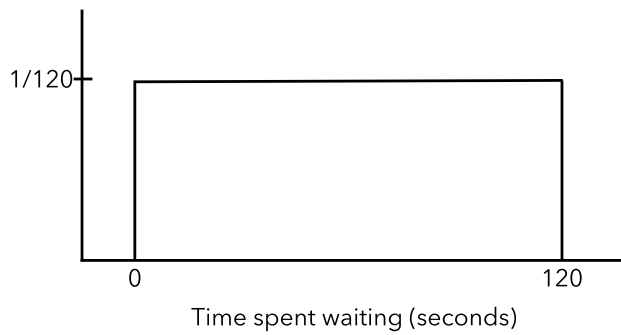


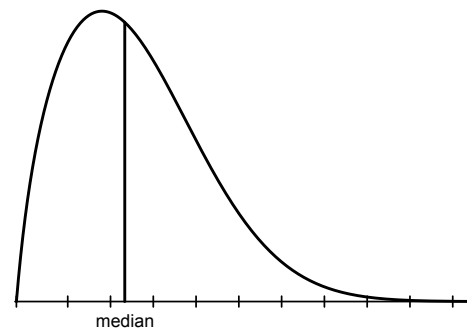
1.
 - a. Continuous random variable
 - b. Discrete random variable
 - c. Neither
 - d. Continuous random variable

2.
 - a.

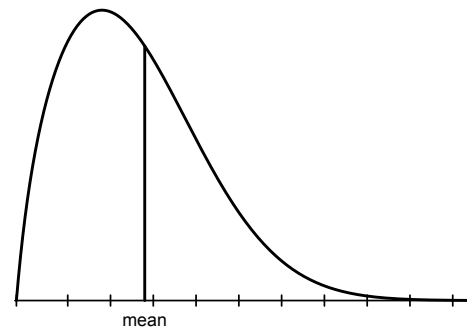


- b. 0.375
 - c. 0.25
 - d. 0.458
3.
 - a. 0.04
 - b. 0.30
 - c. 0.20. The probability of landing in the winning space is 0.20.

4. a. The median is the value with 50% of the area to the left and 50% of the area to the right (the equal-areas point).



- b. The mean must be greater than the median because the density curve is skewed right.



5. D

6. A