Consider a spinner that, after a spin, will point to a number between 0 and 1 with **uniform probability.**

1. What is the probability that the spinner will land on something less than 0.75? b
2. Determine P(1/5 <= X <= 3/8) a
3. Determine the value of x0 such that P(X<=x0)=0.5. c
4. Determine the value of x0 such that P(X>=x0)=0.35. e
5. Determine the value of x0 such that P(X>=x0)=0.5. c
6. 7/40
7. 0.75
8. 0.5
9. 0.35
10. 0.65