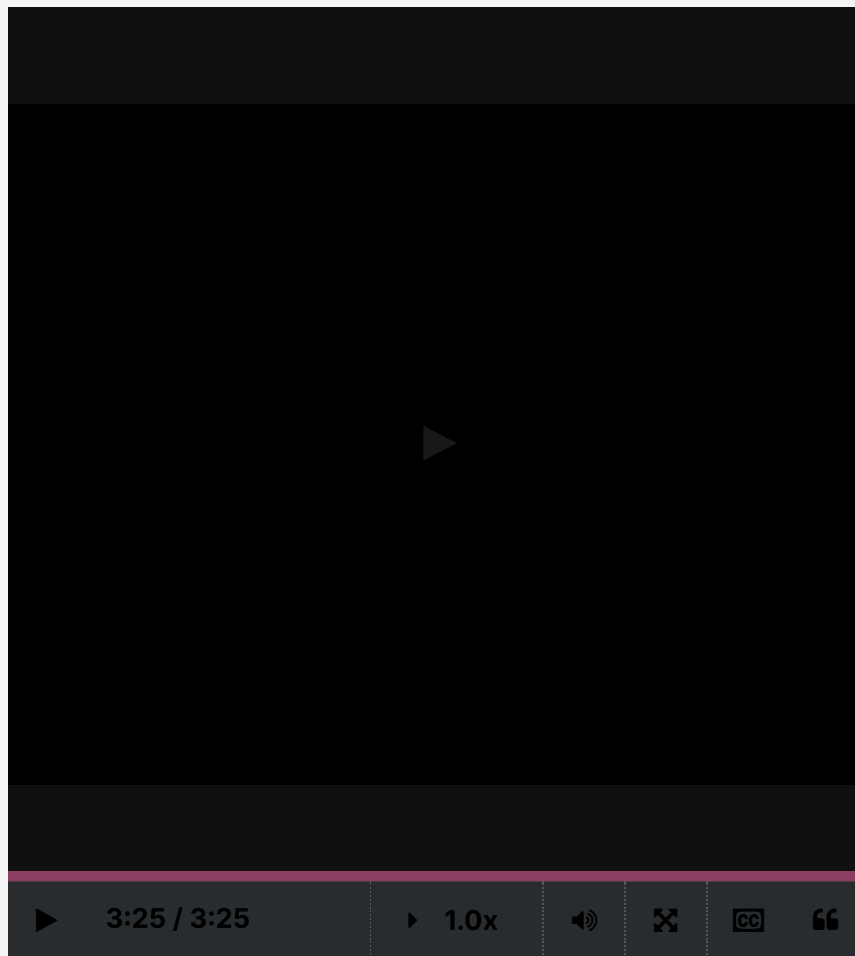**Video**

and that is yes, these will blend.

So we are just going to try to slightly mimic this

and we will ask, when we want to see whether it sums to one,

we will ask will it add?

And we will see

whether these things add or don't add to one.

Next we're going to start with

the first collection of distributions

which will be the Bernoulli distribution.

See you then.

3:25 / 3:25   ▶ 1.0x

8.0_Distributions_Introduction

1 (Graded)

2/2 points (graded)

For which value of the parameter α is the function $f(x) = \frac{2(10-x)+\alpha}{100}$ over $\{1, 2, \cdots, 10\}$ a p.m.f.?

○ -1

○ 0

◉ 1

○ 2

✔

Explanation

Following $\sum_{x=1}^{10} f(x) = 1$, we have $\alpha = 1$.

Submit   You have used 2 of 2 attempts

ⓘ Answers are displayed within the problem

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