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? question @31

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## number 9, HW3

hi folks- working through hw3 again, and a bit confused. when I write out the binomial formula by hand, i.e.  $(7 \text{ choose } 5) \cdot (0.9)^5 \cdot (0.1)^2$ , I end up with .1240, the right answer according to the book. But when i enter `binomcdf(7,.9,5)` on my calc I get a different (wrong) value. Am I making a dumb mistake along the way?

hw3

Edit undo good question | 1

Updated 6 years ago by Anonymous Atom

S the students' answer, where students collectively construct a single answer

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Assuming that you are referring to Problem 3.9 on page 108, it should be `binompdf` because we are finding  $P(X = 5)$ . The `binomcdf` is used for  $P(X \leq k)$ ,  $k \in \mathbb{Z}$ .

-Charles

~ An instructor (E.N. Barron) endorsed this answer ~

Edit thanks! | 2

Updated 6 years ago by Charles Hwang

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