

Math 170E
Homework for Section 2.3*
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- Section 2.3: Question 7, 11, 15, 16, 19.

Extra question (Question 3 in 9th ed.): Given $E(X + 4) = 10$ and $E[(X + 4)^2] = 116$, determine (a) $\text{Var}(X + 4)$, (b) $\mu = E[X]$, and (c) $\sigma^2 = \text{Var}(X)$.

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