

Errata and Updates for the 2022 ACTEX Manual for Exam P

(Last updated 3/16/2023) sorted by page

Page 106 **Solution to Problem 1. Fifth line.**

Change $\binom{8}{2}$ to $\binom{8}{3}$.

Page 108 **Solution to Problem 11. Last line.**

Change **Answer A** to **Answer C**.

Page 140 **Last line.**

Change the formula to:

$$\begin{aligned} \text{Var}[X] &= E[(X - E[X])^2] = E\left[\left(X - \frac{7}{2}\right)^2\right] \\ &= \left(1 - \frac{7}{2}\right)^2 \times \frac{1}{6} + \left(2 - \frac{7}{2}\right)^2 \times \frac{1}{6} + \cdots + \left(6 - \frac{7}{2}\right)^2 \times \frac{1}{6} = \frac{35}{12}. \end{aligned}$$

Page 327 **Solution to Problem 5.**

The last number should be 3 and the correct answer should be D instead of E.