

Problem 3.57

Find the variance and standard deviation of the number of points that will come up on a single toss of a fair die.

See my solution for problem 3.8. using those results,

$$\text{Var}(X) = \frac{91}{6} - \frac{49}{4} = \frac{35}{12}$$

$$\sigma_x = \sqrt{\frac{35}{12}}$$