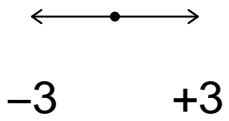
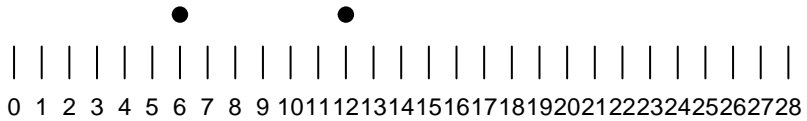


PROBABILITY:

$$\frac{1}{2}$$

$$\frac{1}{2}$$

RV_1



$$\text{VARIANCE} = \frac{1}{2}(-3)^2 + \frac{1}{2}(+3)^2 = 3^2$$