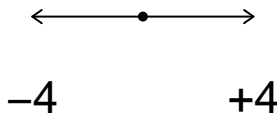
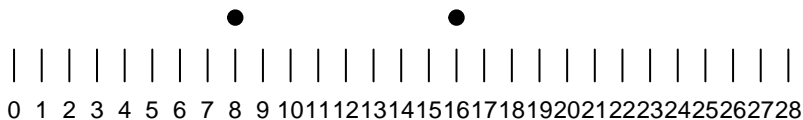


PROBABILITY:

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

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

RV_2



$$\text{VARIANCE} = \frac{1}{2}(-4)^2 + \frac{1}{2}(+4)^2 = 4^2$$