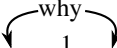


$$P(X - \mu > 6) = \frac{1}{2} P(|X - \mu| > \sigma)$$


$$= \frac{1}{2} (1 - P(|X - \mu| \leq \sigma))$$

$$\approx \frac{1}{2} (1 - .68) = \frac{1}{2} (.32) = .16$$