$$Expectation$$

$$E[X] = \sum_{x} \cdot P(X=x)$$

$$\frac{x}{4} | P(X=x)$$

$$\frac{x}{2} | P(X=x)$$

$$\frac{x}{4} | P$$

$$E[X_i] = \mu$$

$$SD[X_i] = \sigma$$

$$X_n = \frac{x_1 + x_2 + \dots + x_n}{n}$$

$$Sample mean$$

$$X_n = \frac{x_1 + x_2 + \dots + x_n}{n}$$

$$Sample mean$$

$$Sample mean$$

$$Solution model mean is equal to the gogulation mean$$