Yes: 
$$\overline{X} = 10$$
,  $\overline{\sigma}^2 = 36$   $X = 4 \Rightarrow PC \text{ Yes } | X = 4$   $Y = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes } | X = 4 \Rightarrow PC \text{ Yes }$