V= 100 n= 25 x = 520 Construct 80% CI about mom. Lower Jence = Point Margin of Extrar Higher Jence = Point Hargin of Extror. Significance = 1- Confidence Value Juterval  $[5.06]^{2}$  0.20 Margin of = 2 /2 Jm... evnor = (1-29) 100 525

$$= \frac{7}{2} = \frac{2}{2}$$

$$= \frac{2}{2}$$

$$= \frac{2}{2}$$

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

Lower fence = 
$$\bar{x} - Z_{4}\sqrt{m}$$

$$= 520 - (1.29)100$$

$$= 520 - 25.8$$

Higher fence = 
$$2C + 2\sqrt{5}$$
  
 $= 520 + (1.29) 100$   
 $= 520 + 25.8$ 

80% C.7. about Mean 494.2